

Figure 1A

PRIOR ART

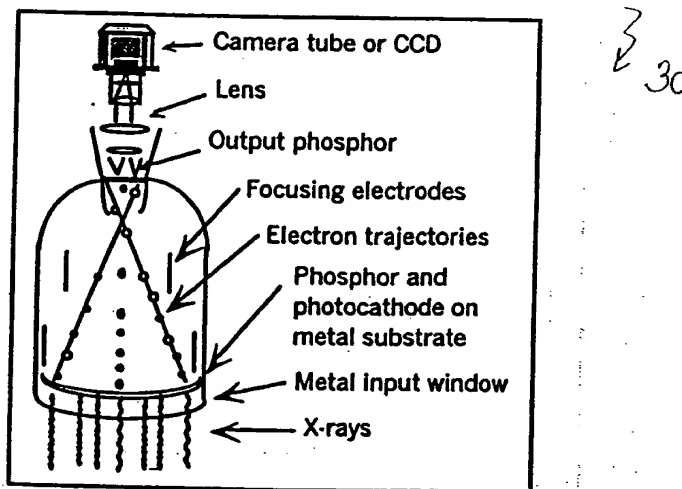
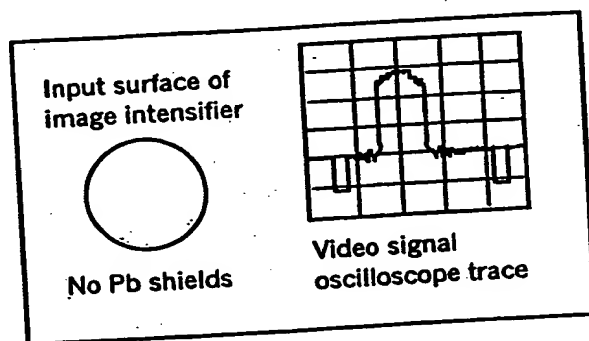


Figure 1B

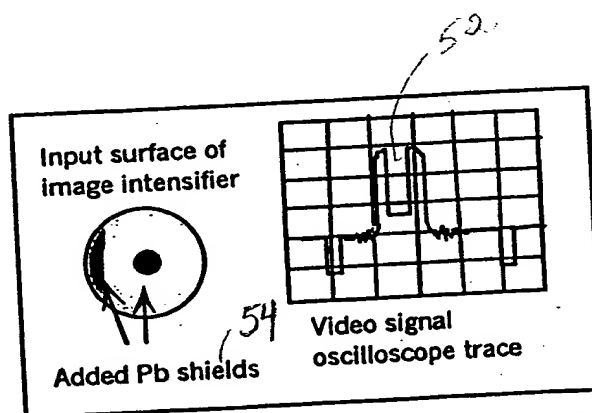
PRIOR ART

09990880112101



PRIOR ART

Figure 2A



PRIOR ART

Figure 2B

09900880 112101

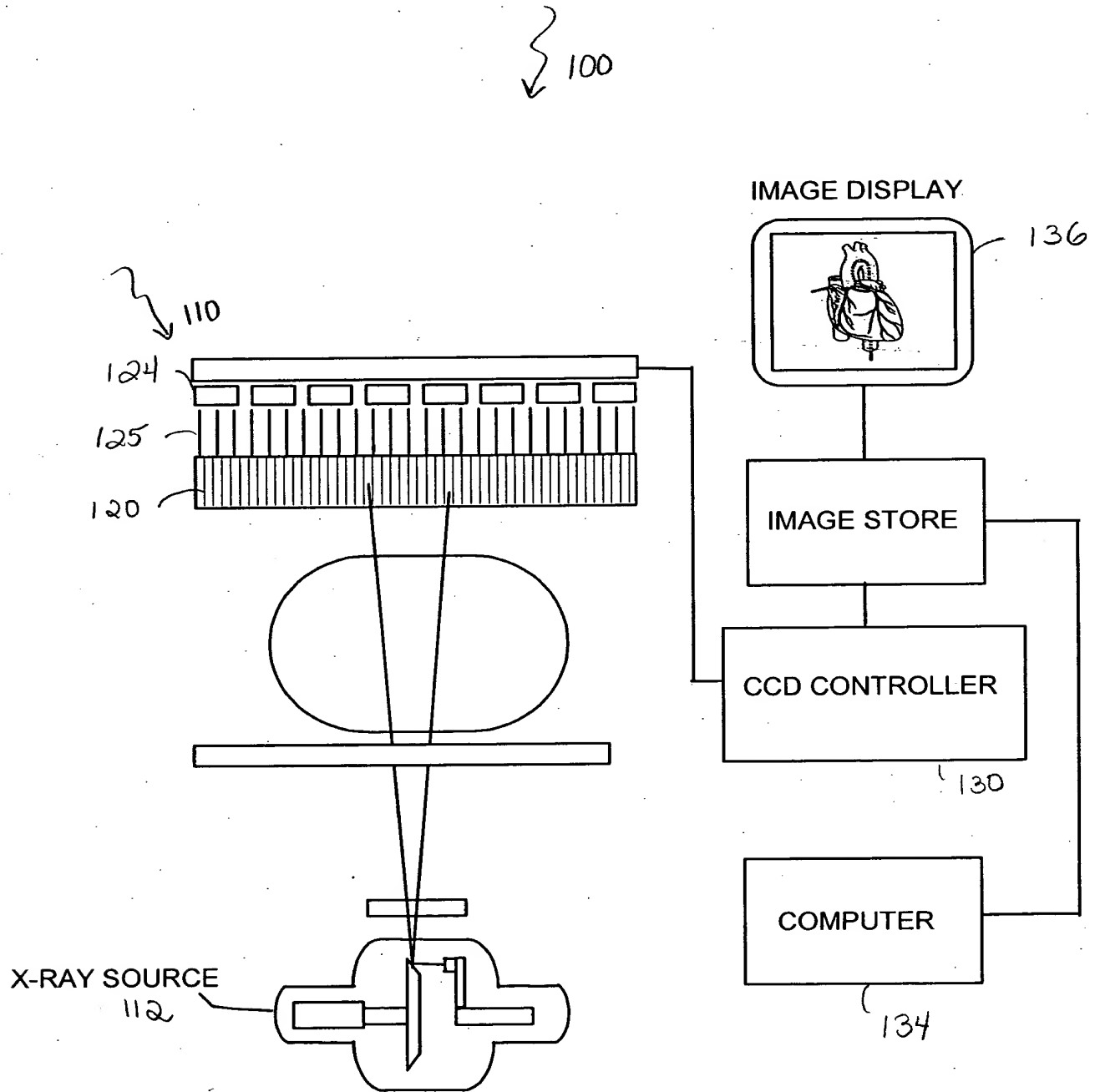


Figure 3A

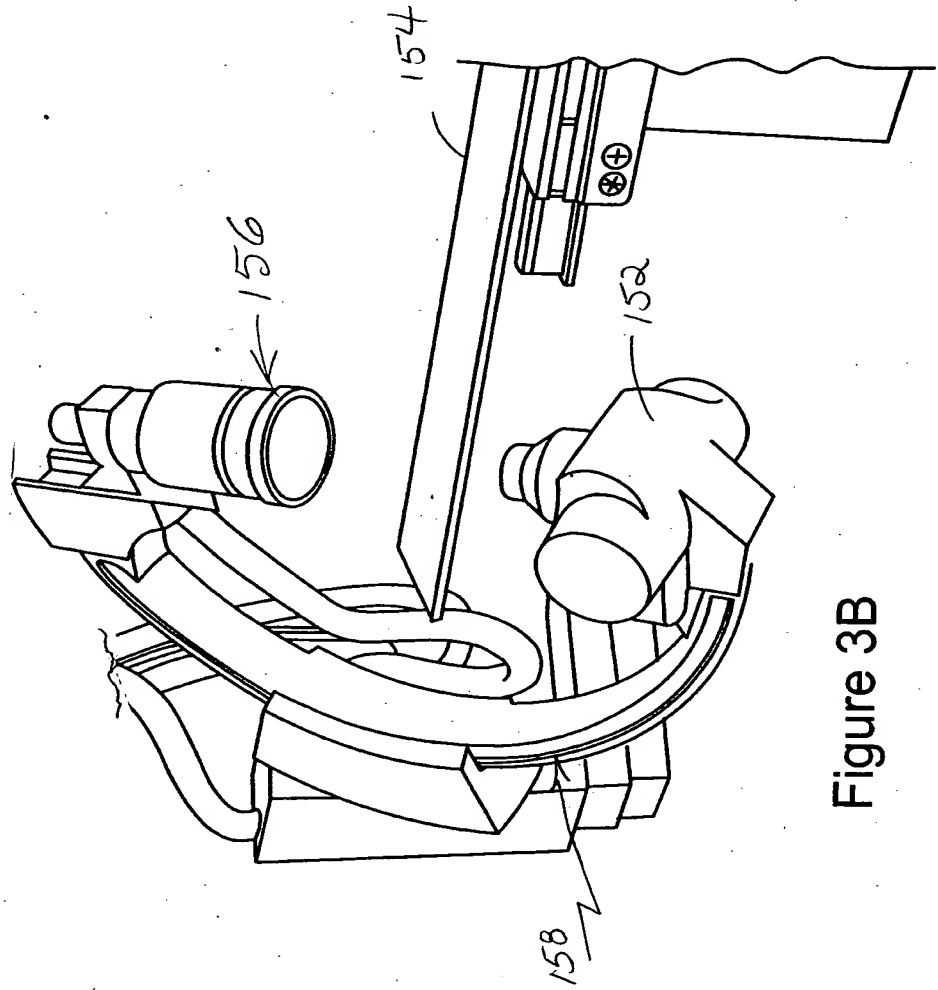


Figure 3B

09990880 112101

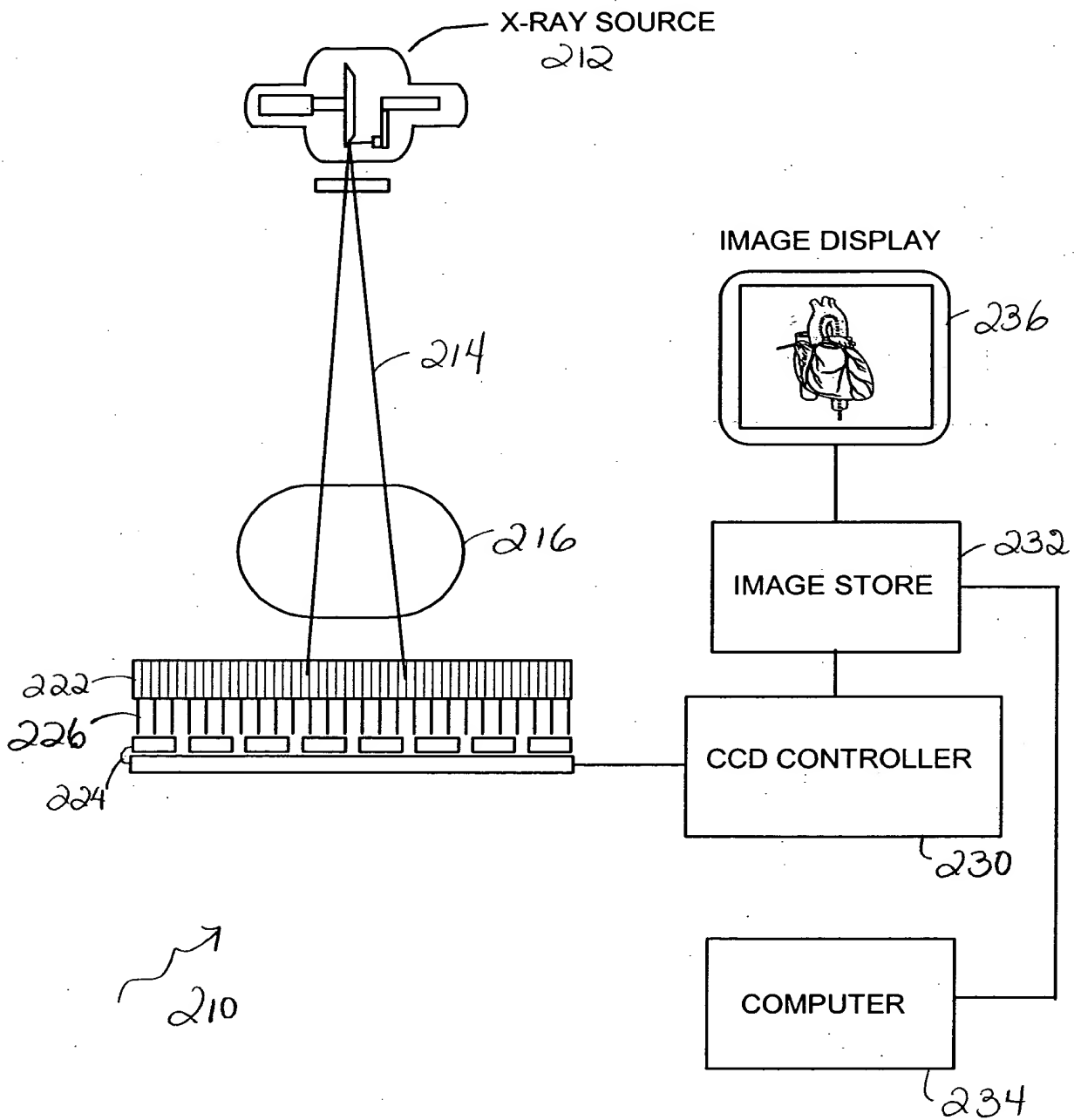


Figure 4A

FIG. 4B

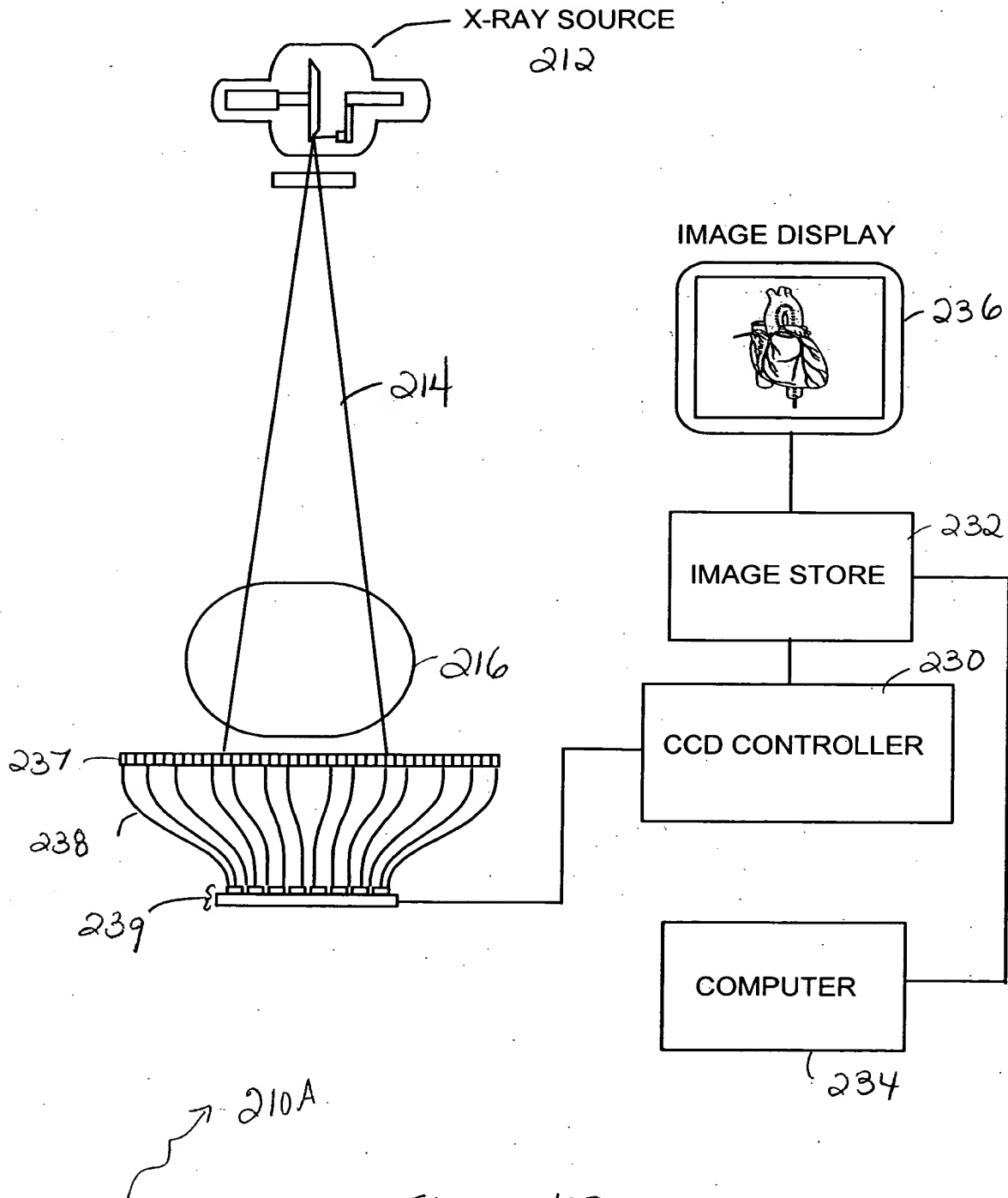
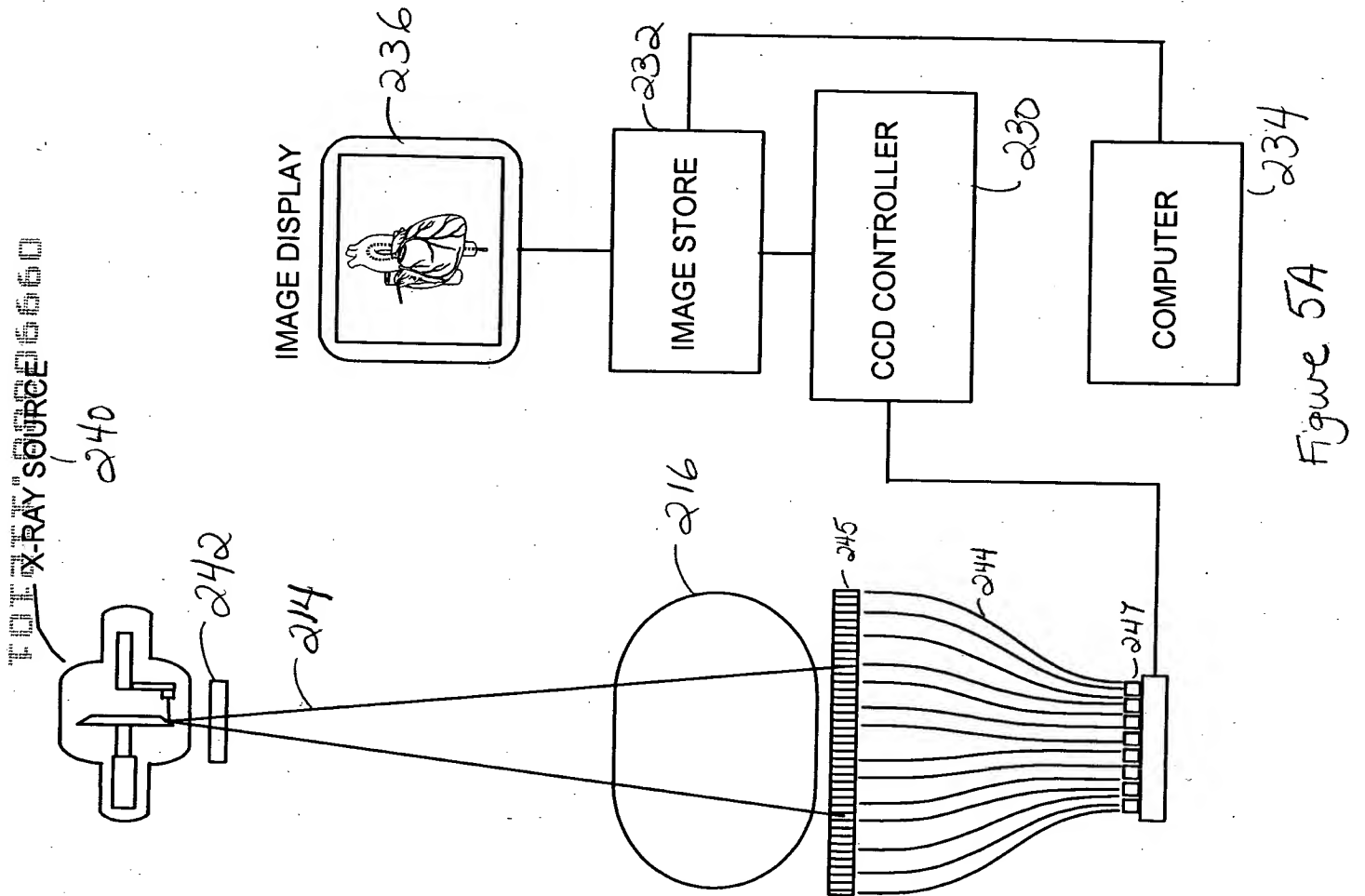


Figure 4B



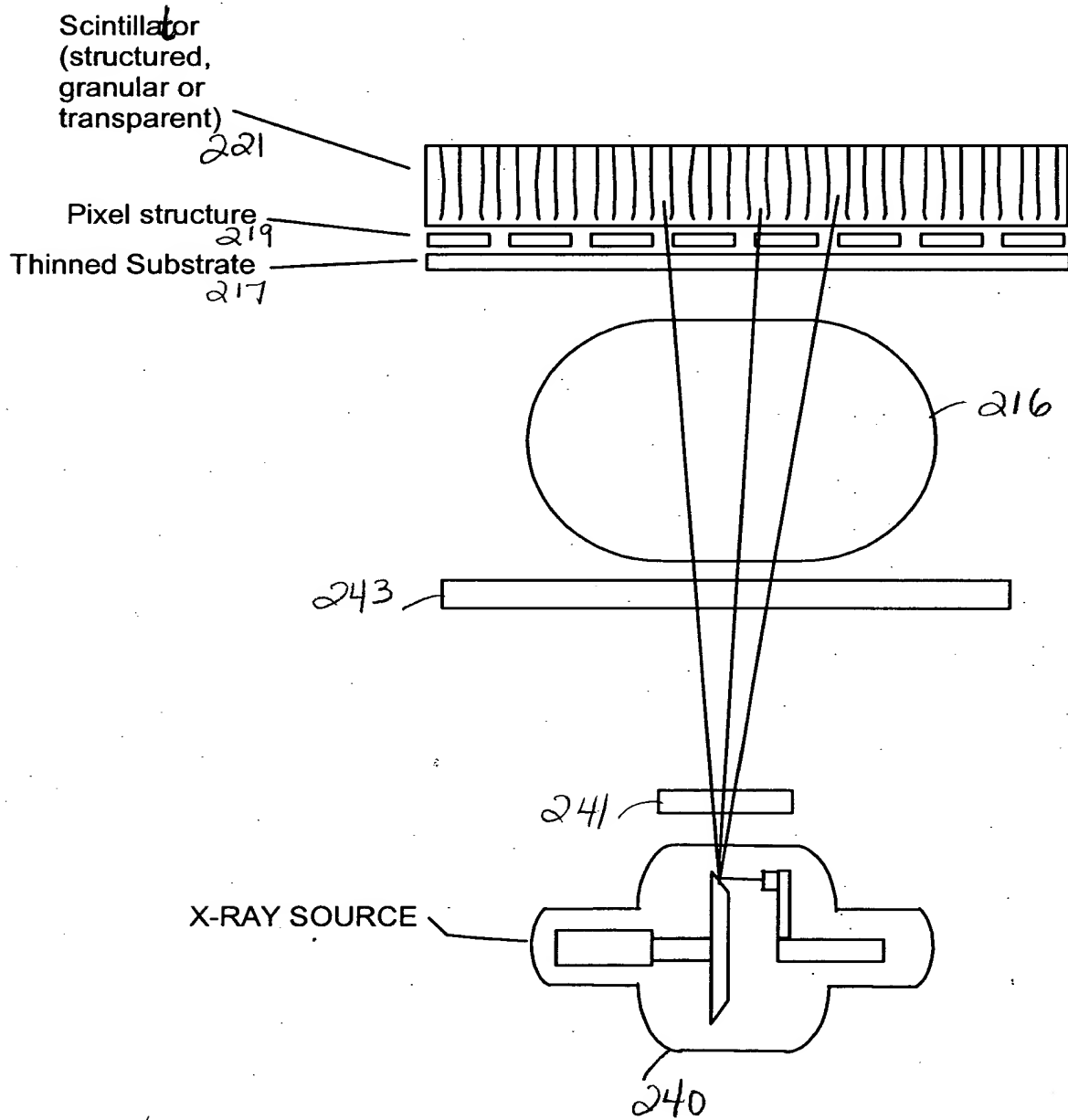


Figure 5B

0990880-11101



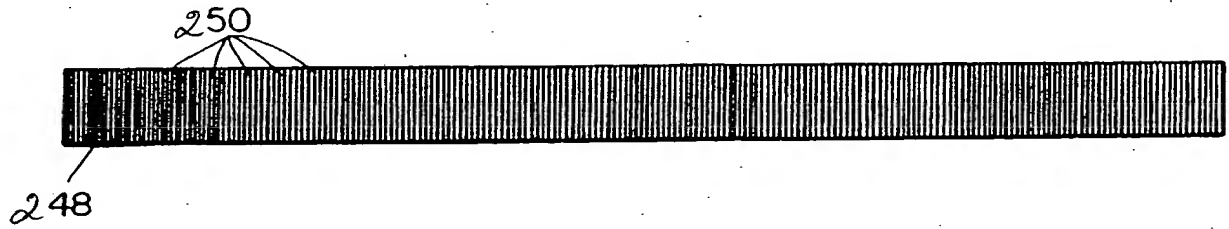


Figure 6

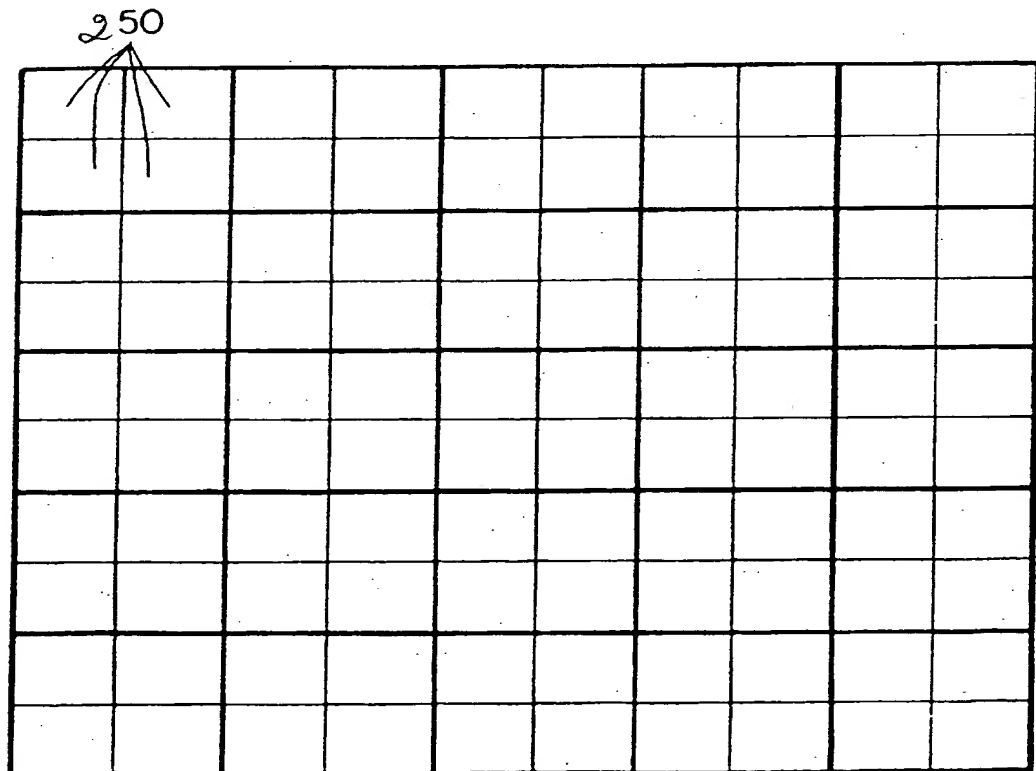


Figure 7

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09990880-112101

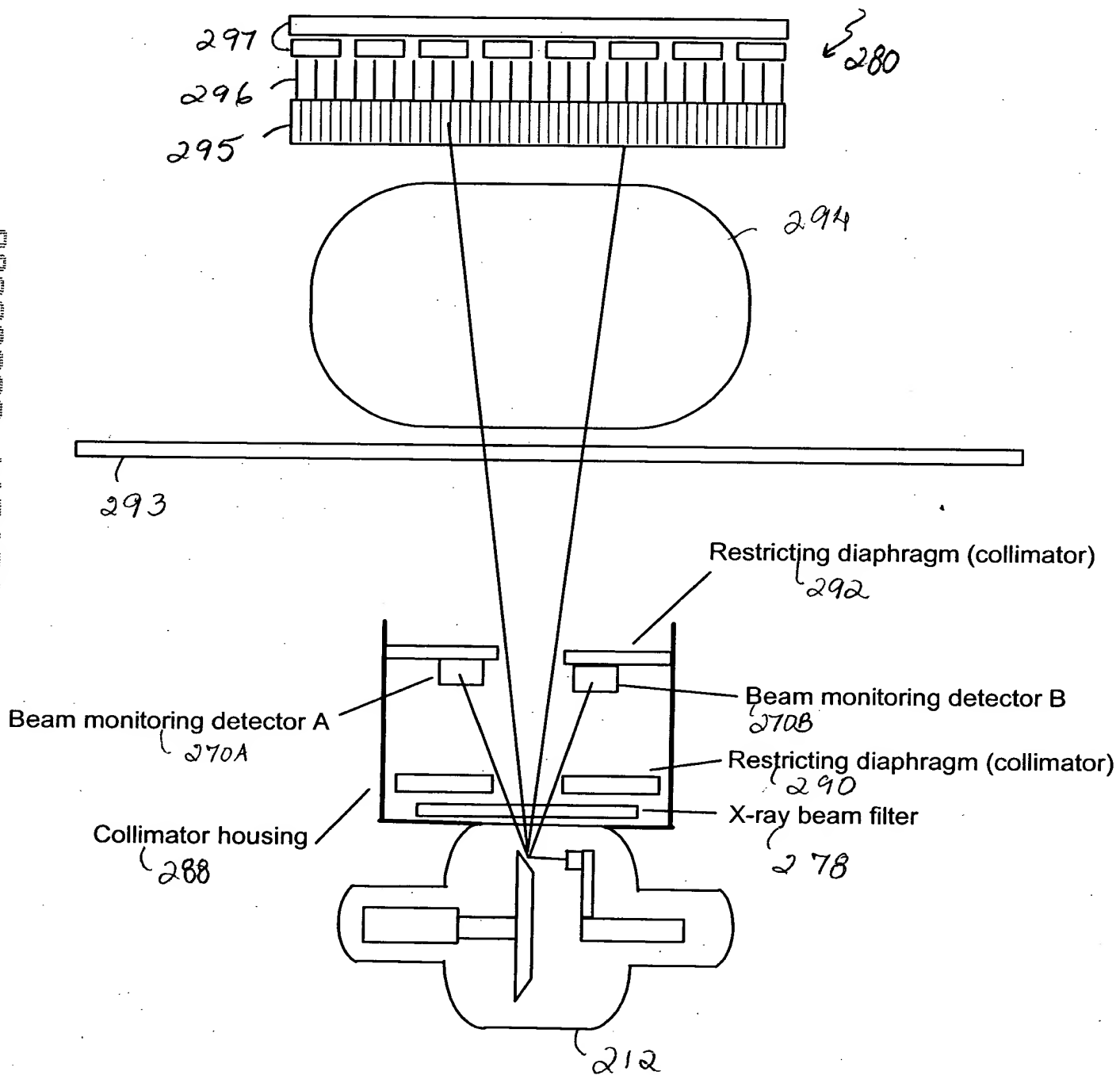


Figure 8

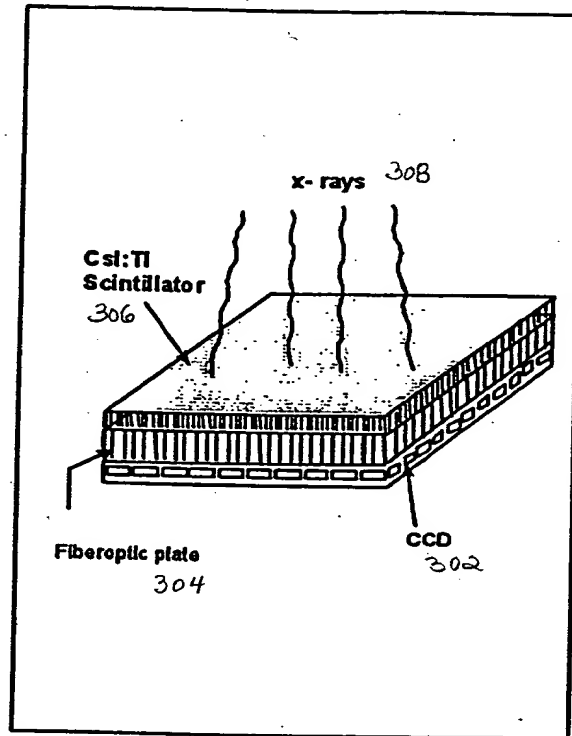


Figure 9A

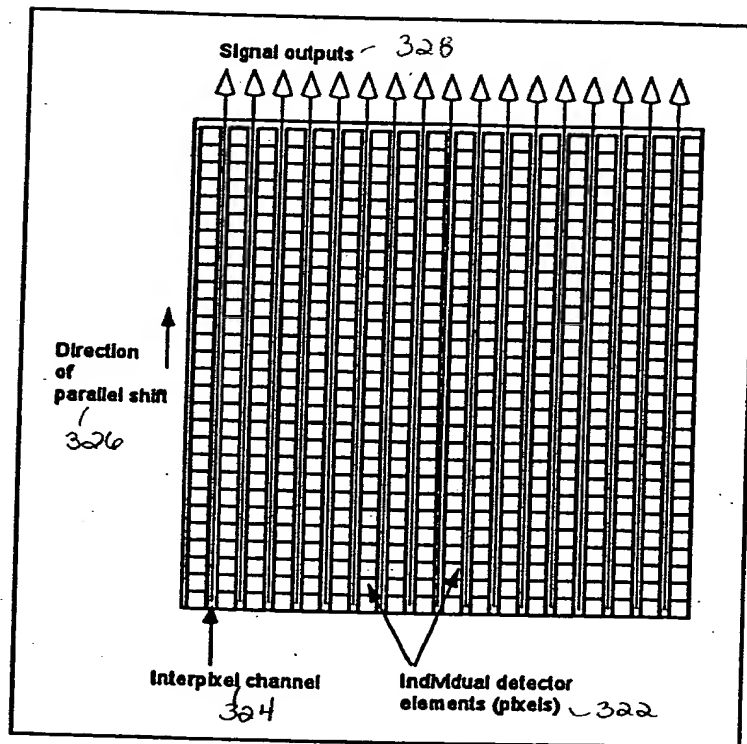


Figure 9B

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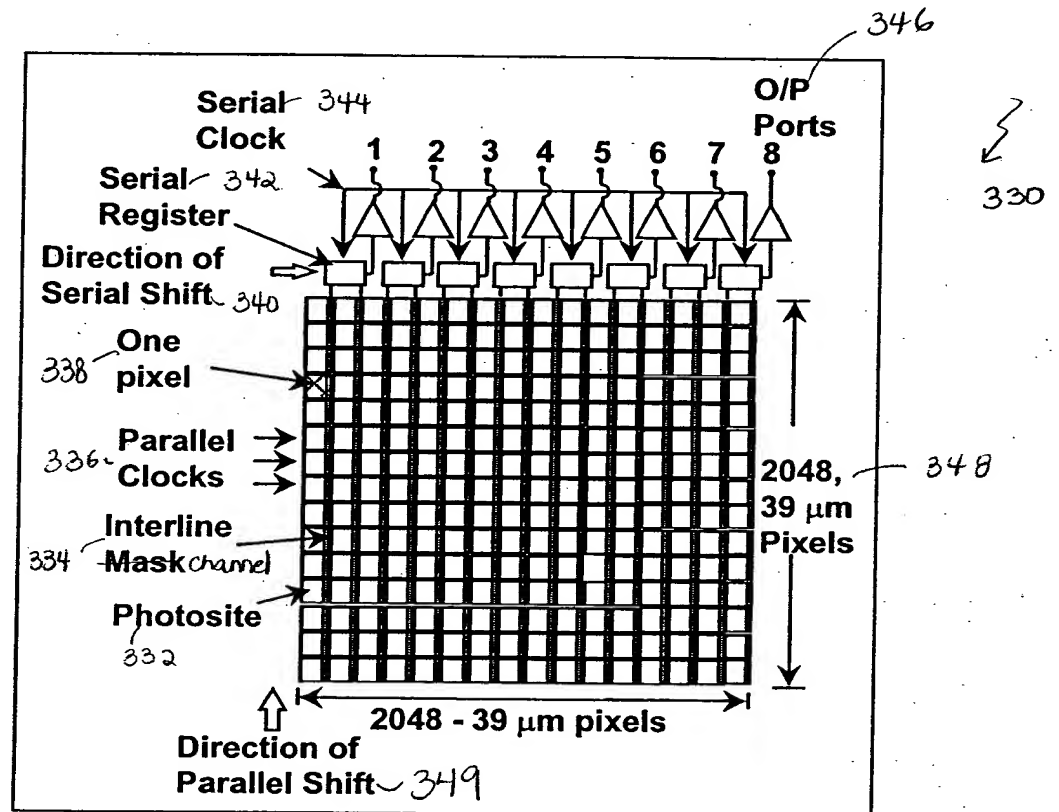


Figure 9C

350

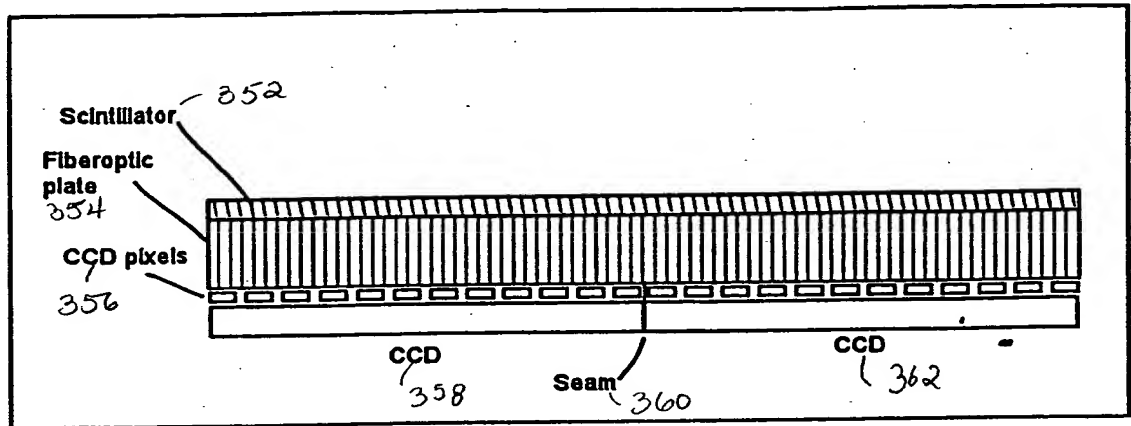


Figure 9D

310

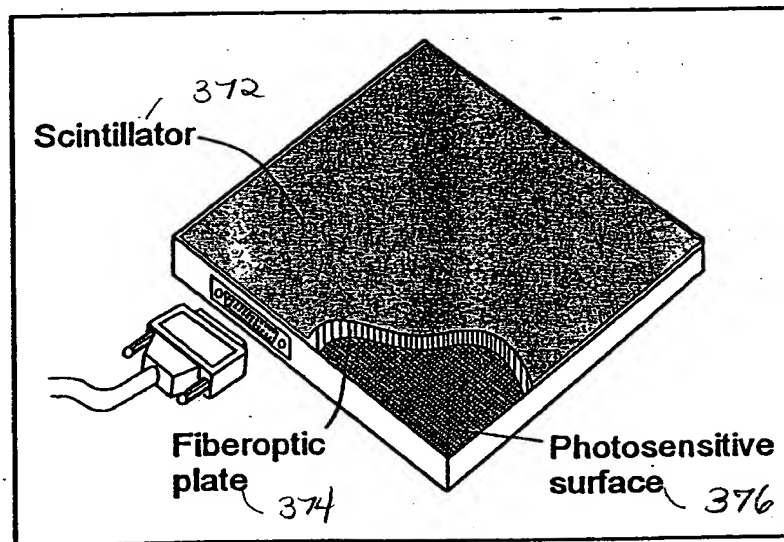


Figure 9E

380

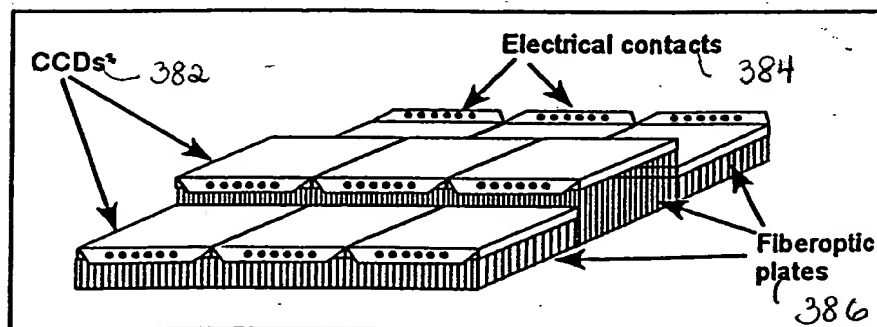


Figure 9F

0990880-112101

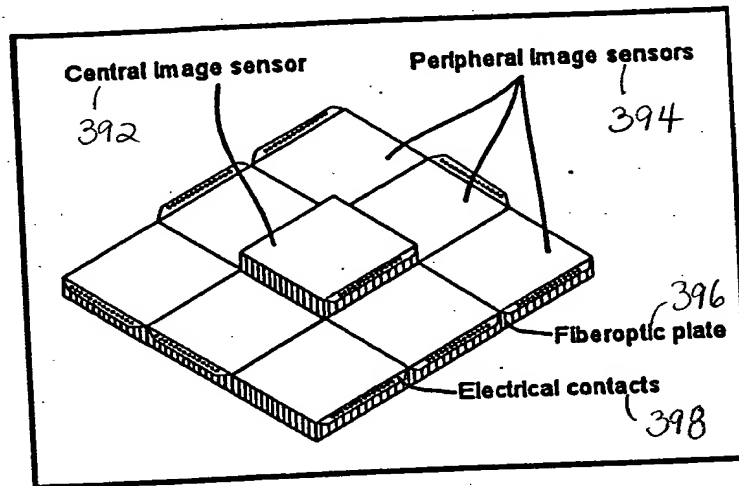


Figure 9G

09900880-112101

400

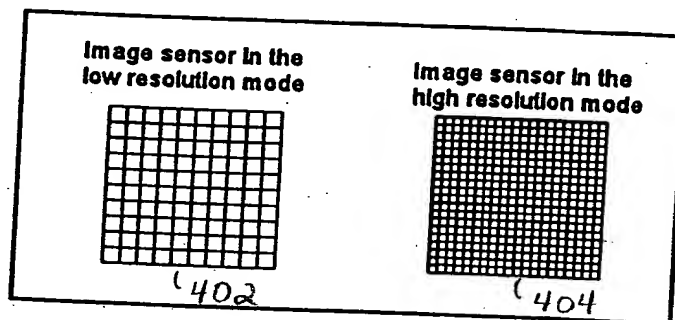


Figure 10A

410

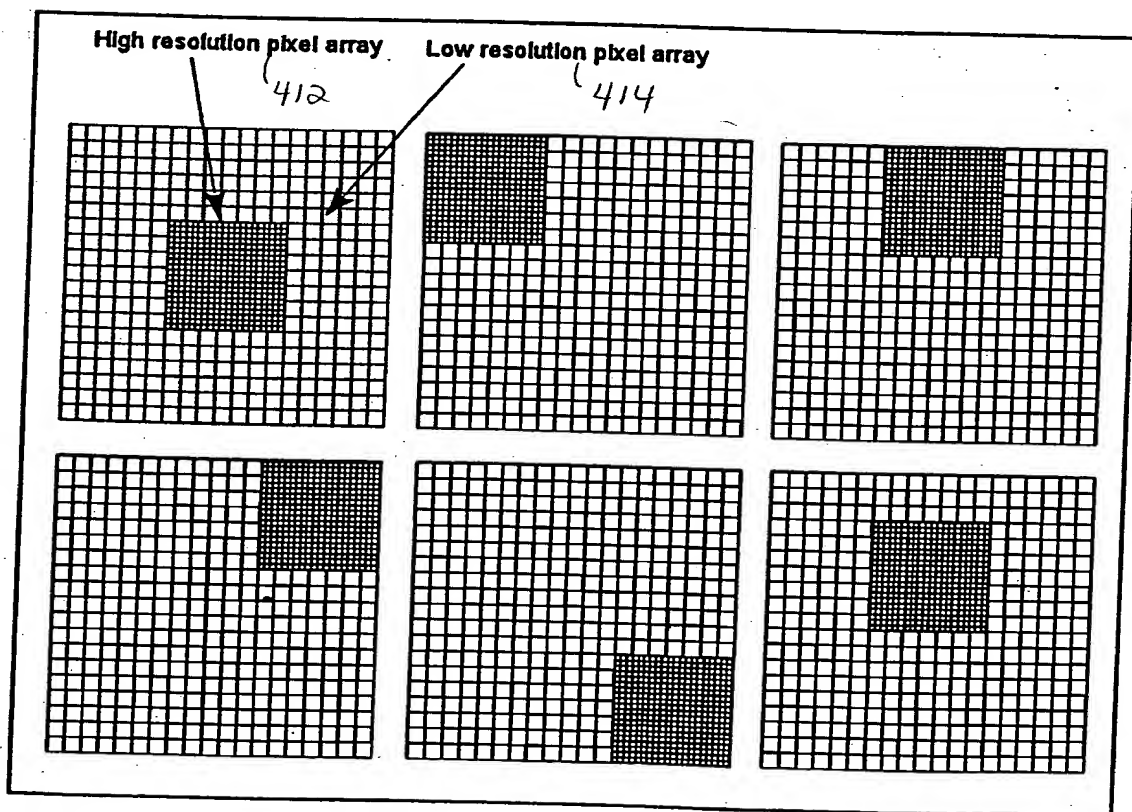


Figure 10B

09990880 112101

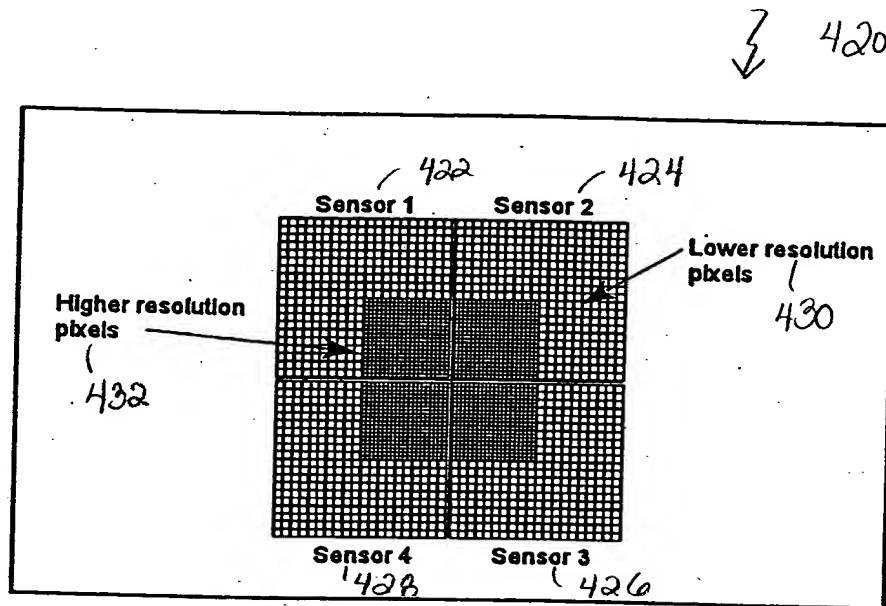


Figure 10c

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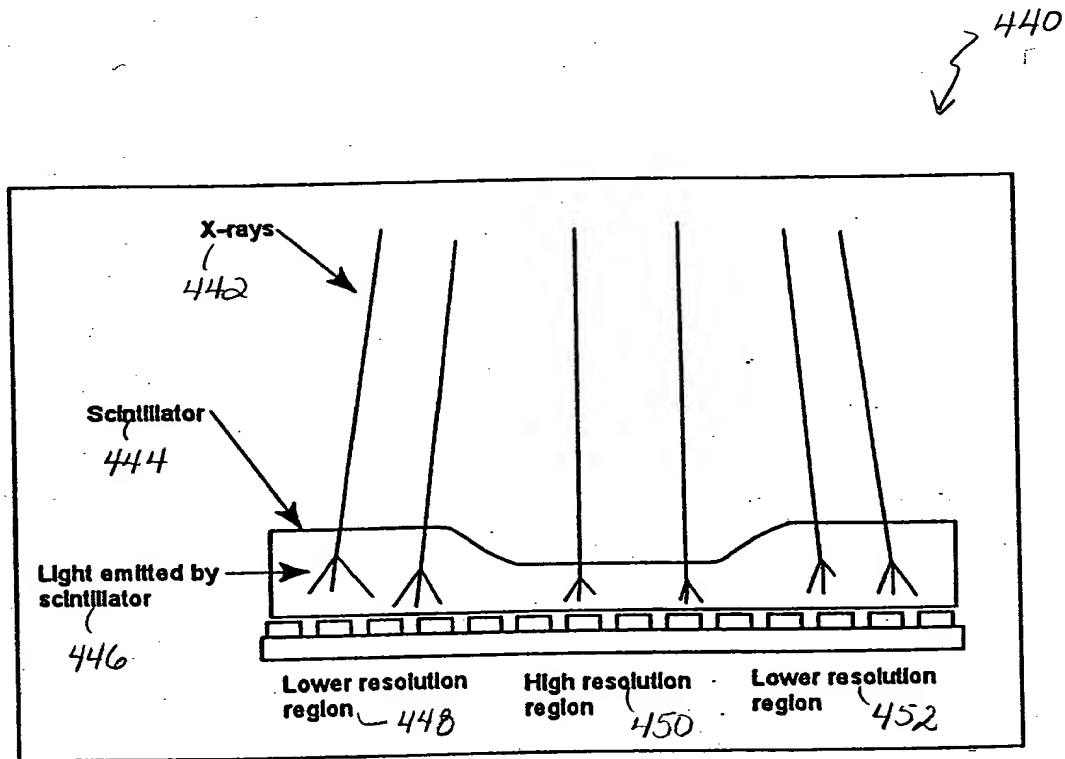


Figure 10D

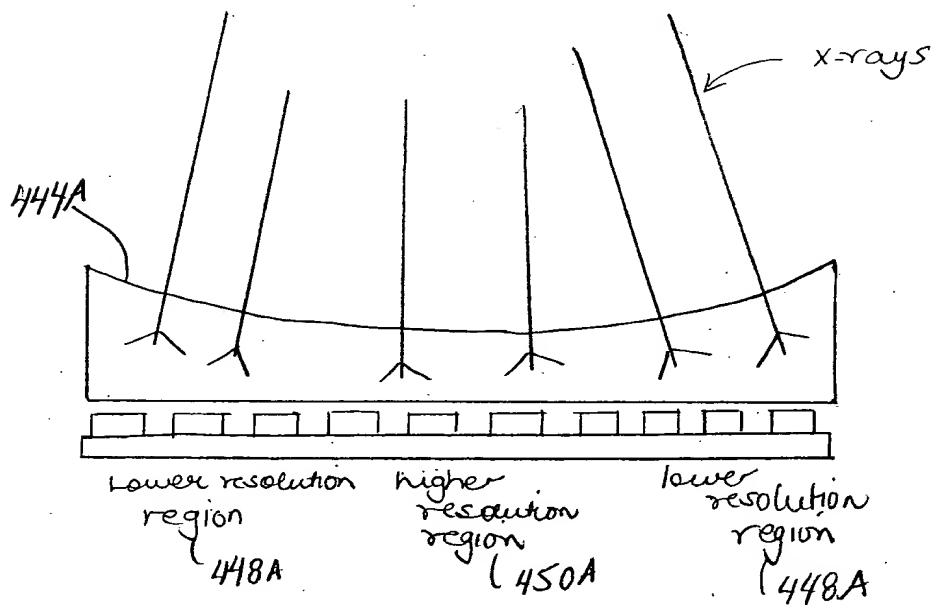
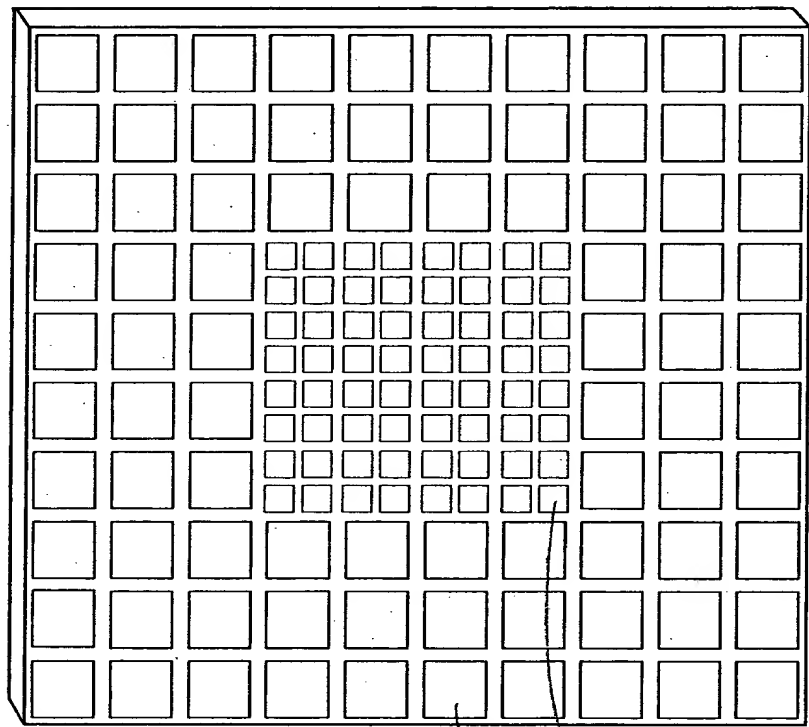


Figure 10E

0990880 112101

FIG. 10F

460



466

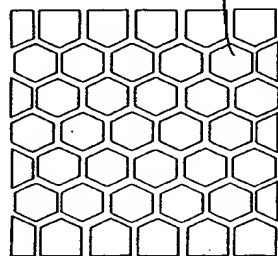


Figure 10G

Figure 10F

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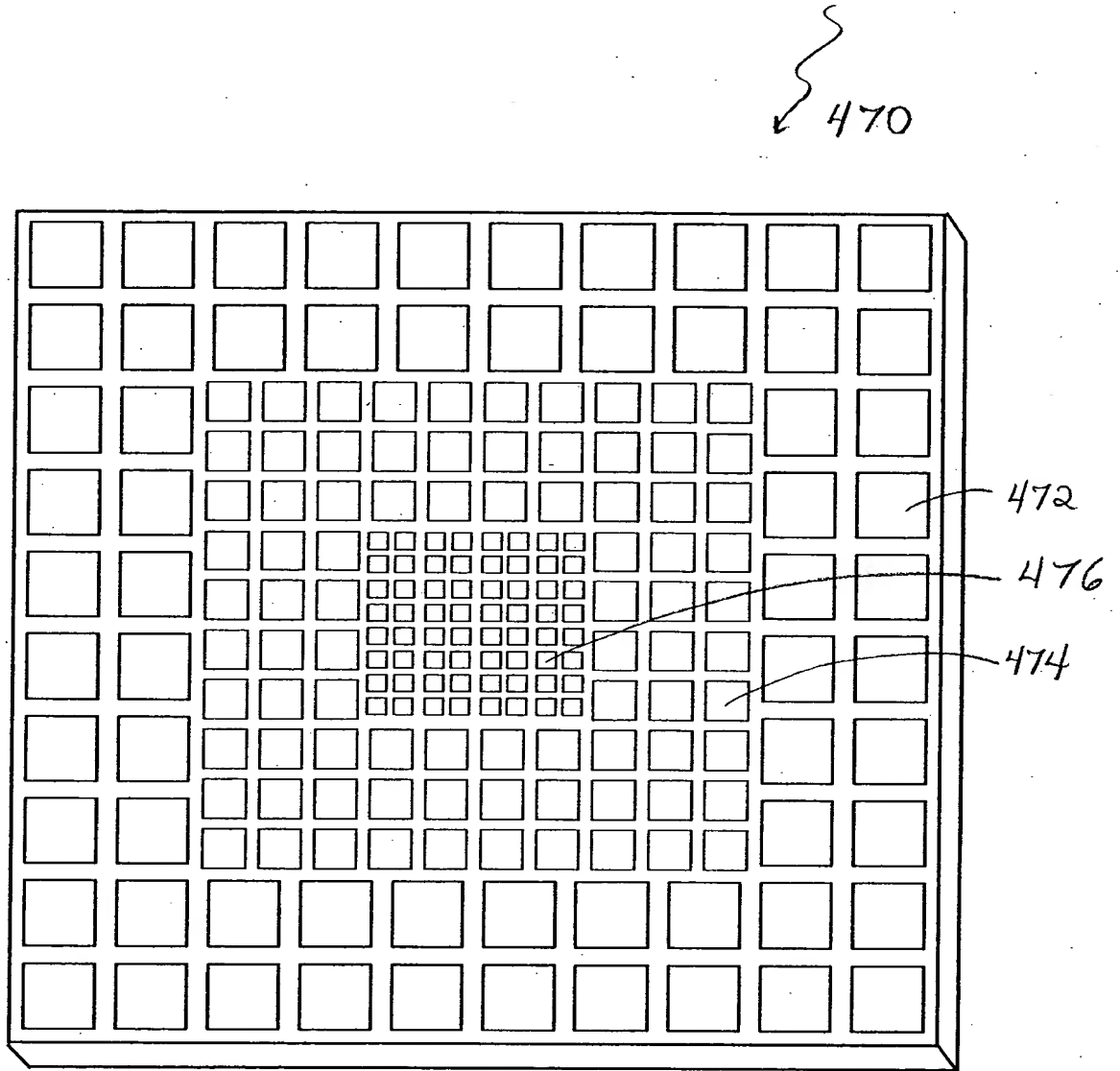


Figure 10H

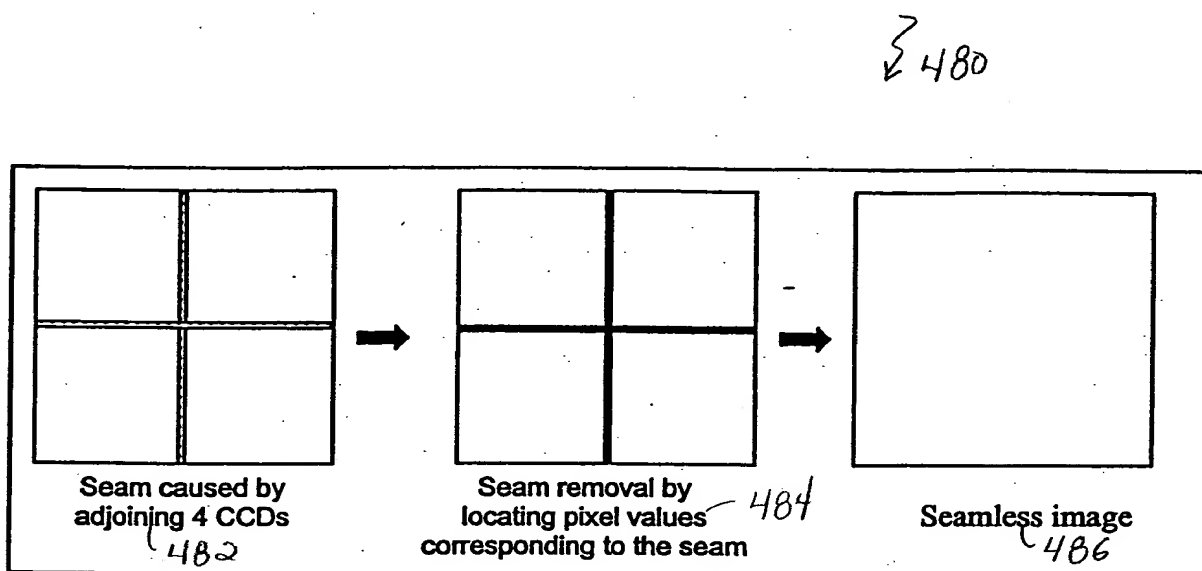


Figure 11

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500

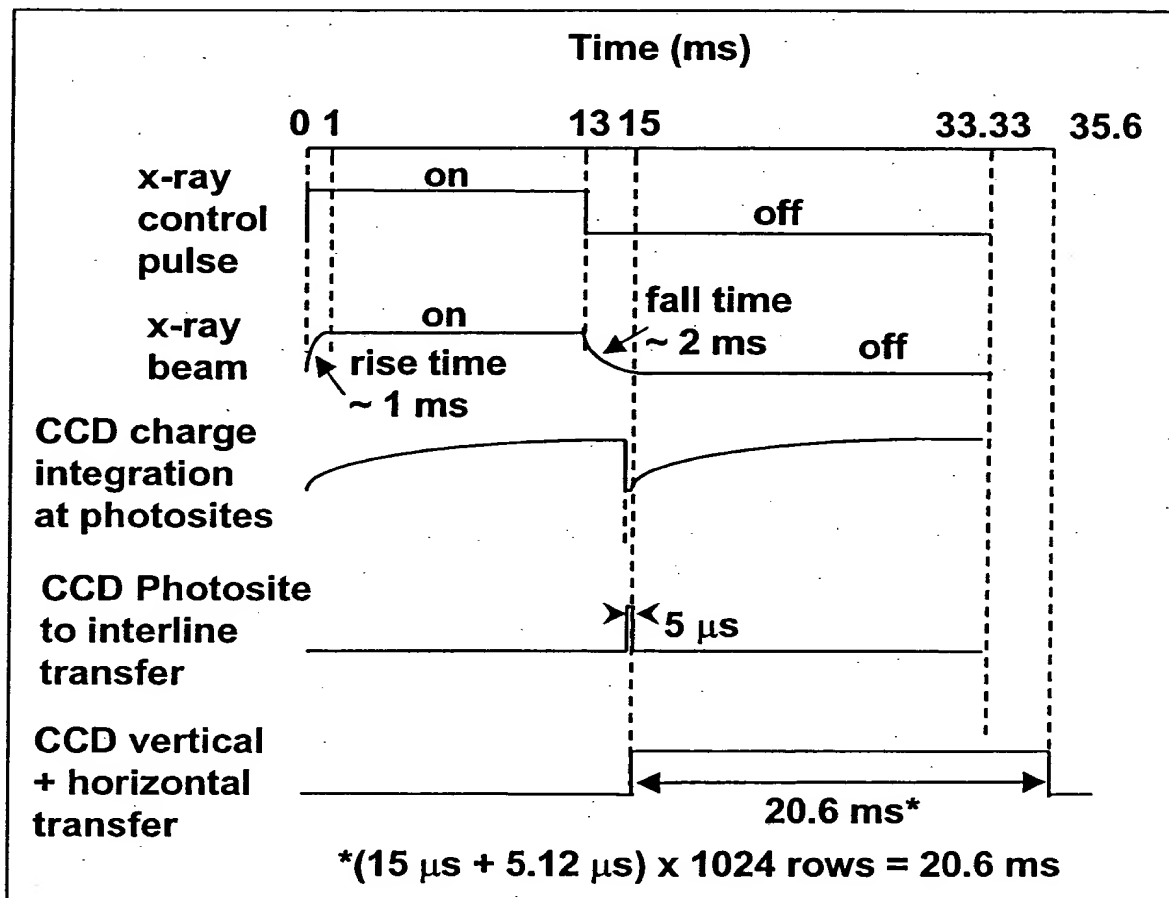


Figure 12

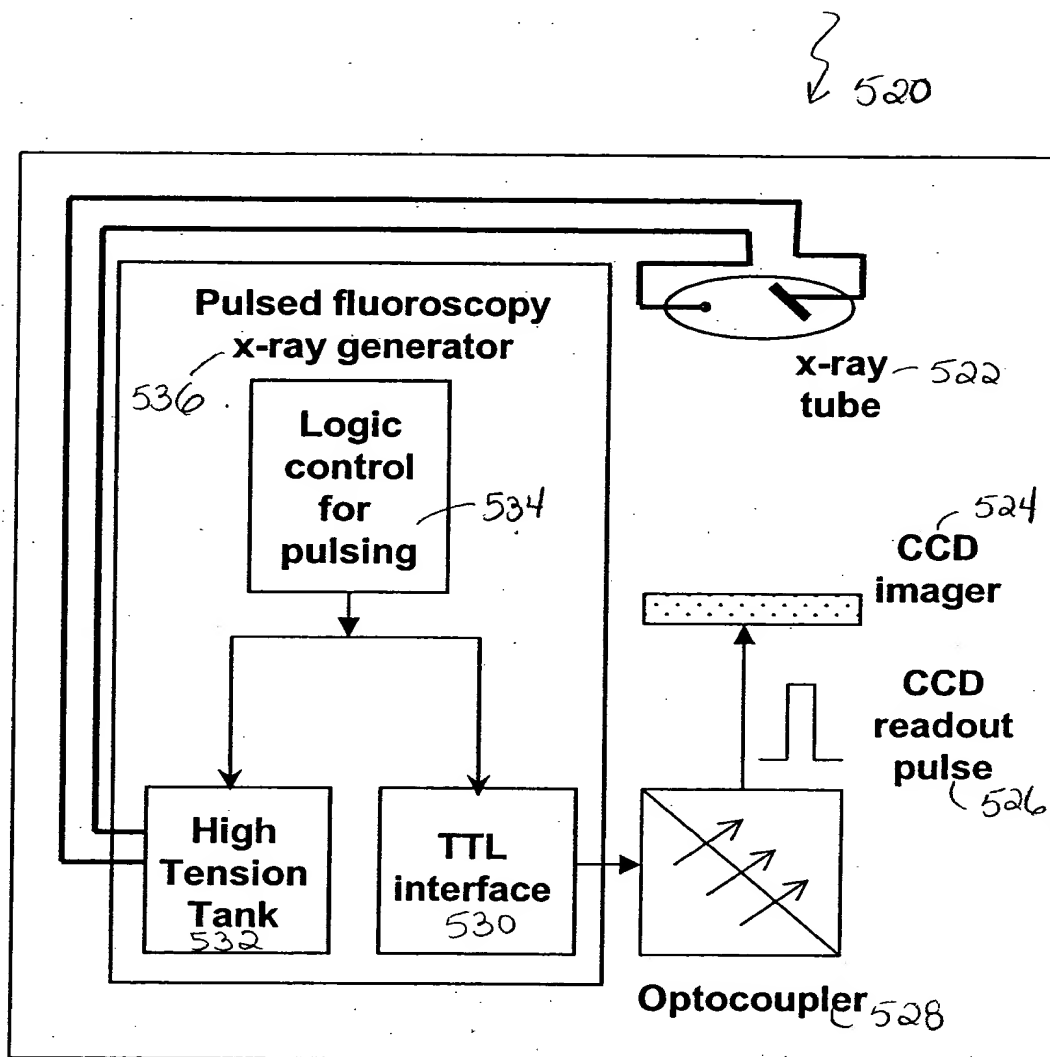


Figure 13

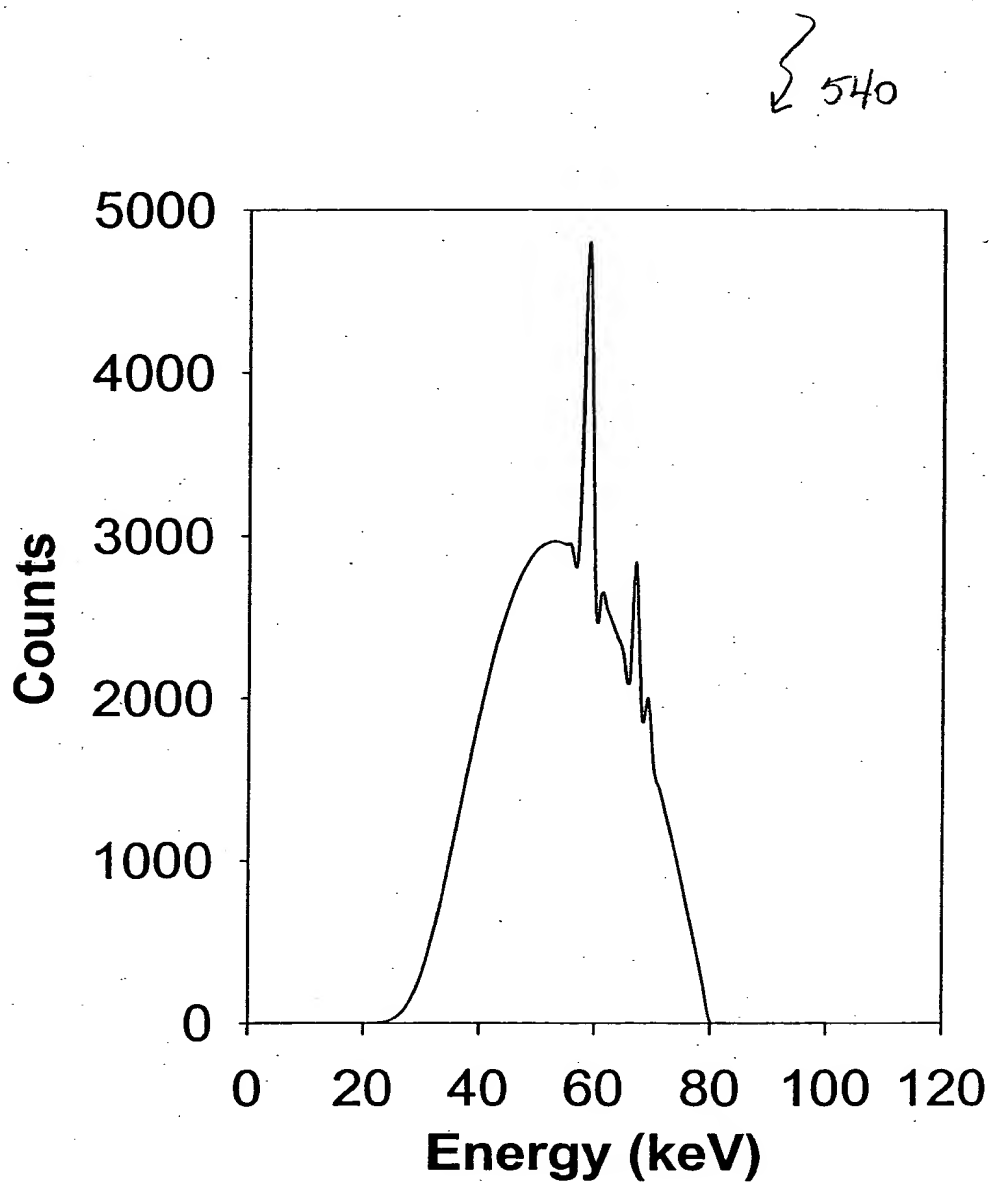


Figure 14

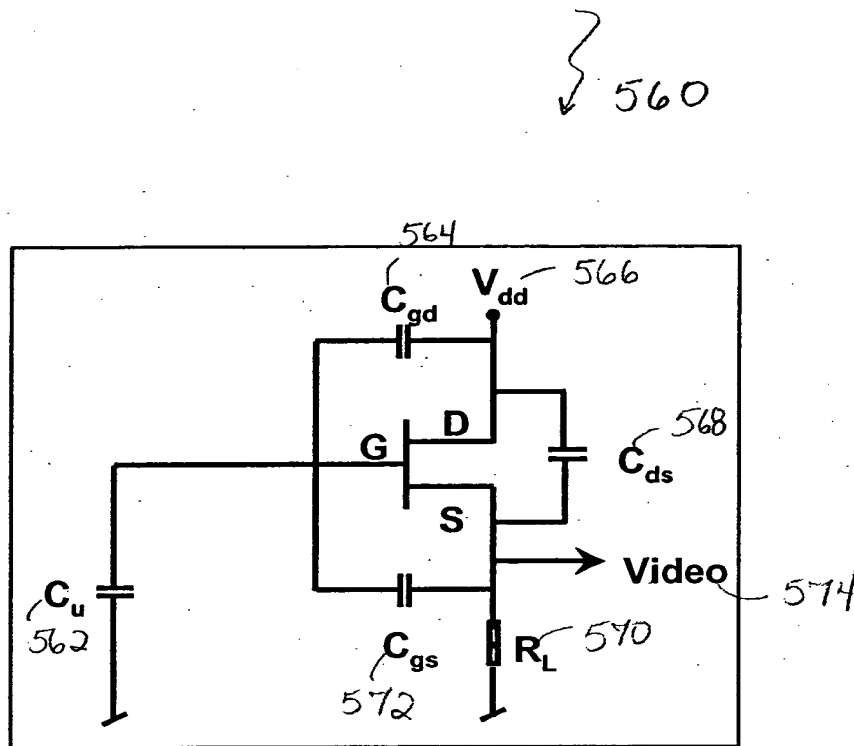


Figure 15

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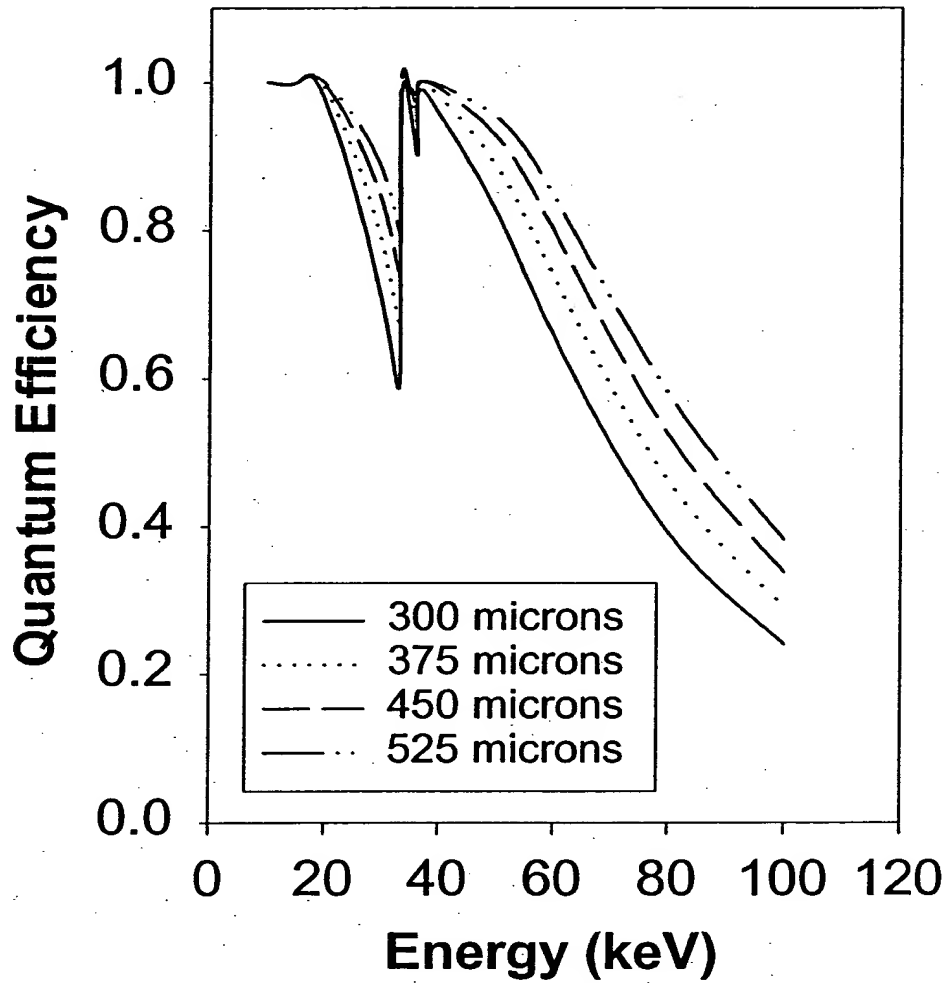


Figure 16

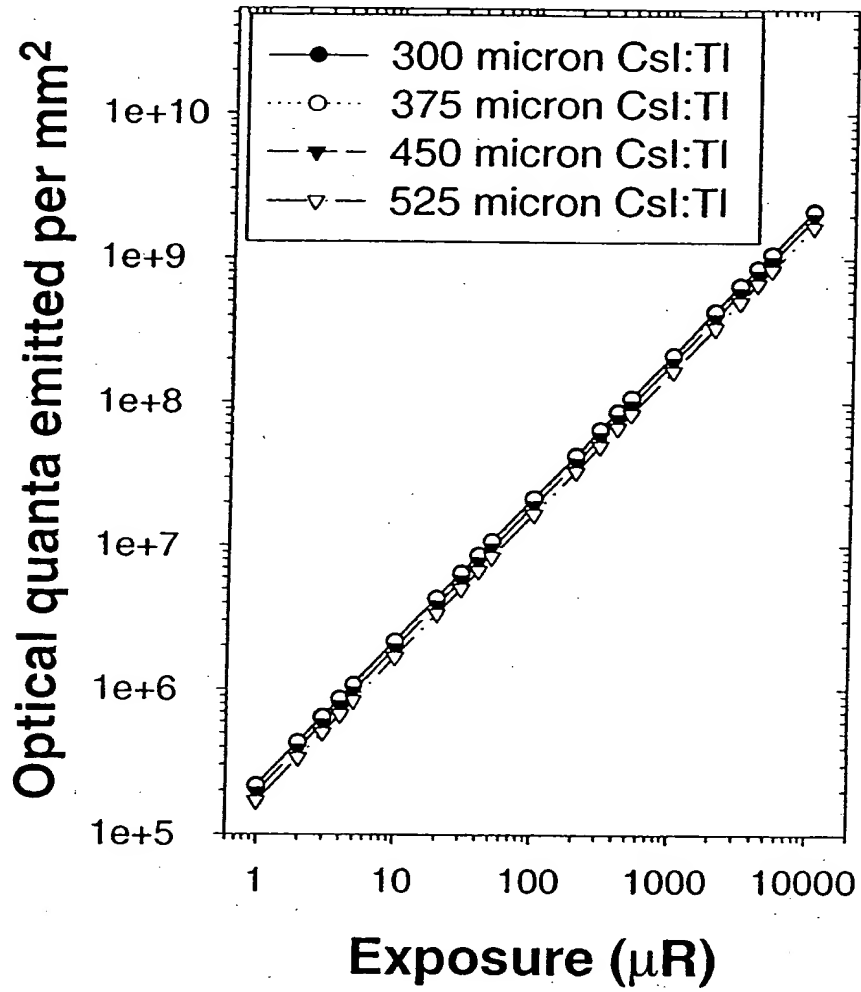


Figure 17

Photons incident over the 16 x 16 cm CCD

Time (Years)

620

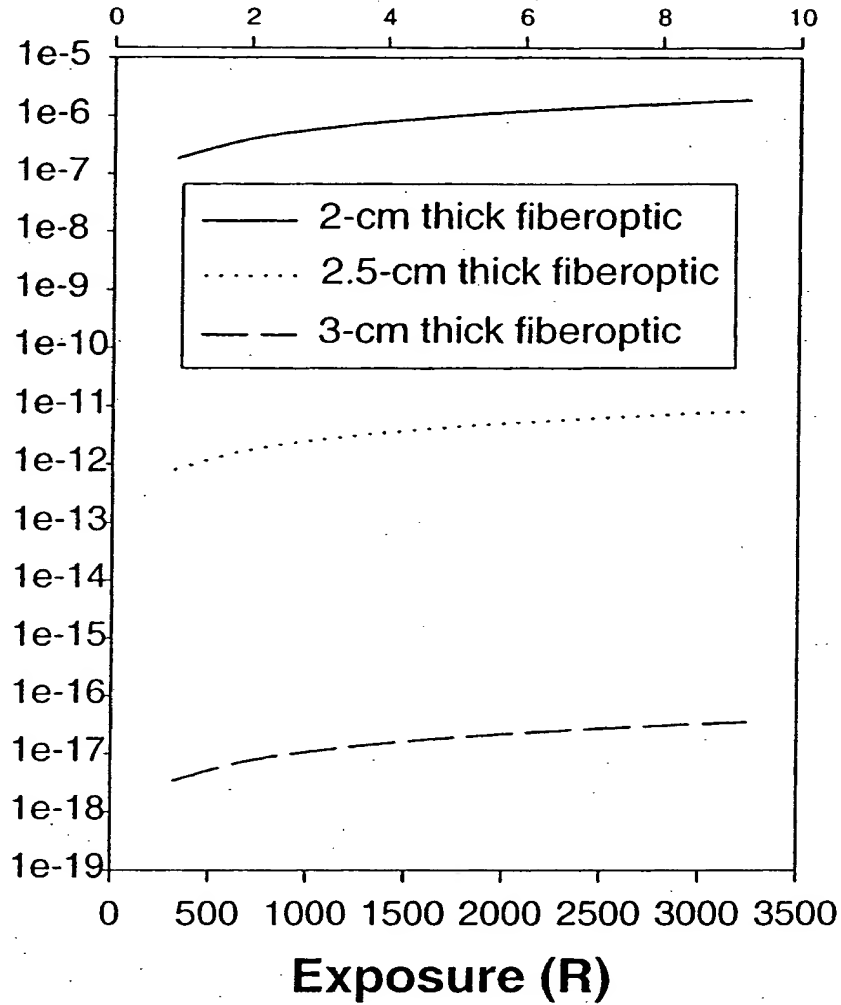


Figure 18

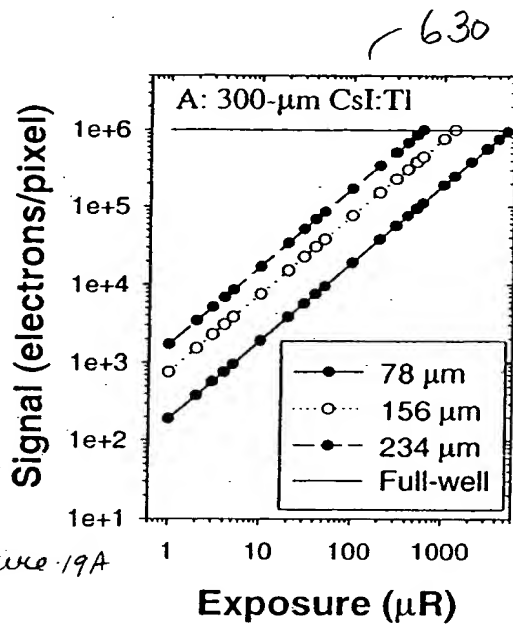


Figure 19A

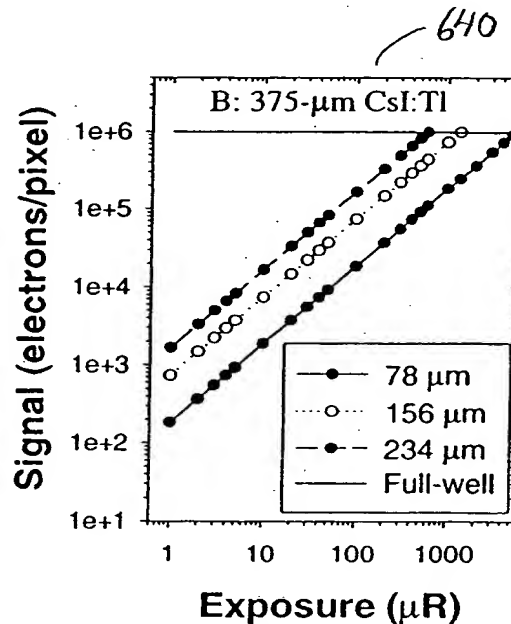


Figure 19B

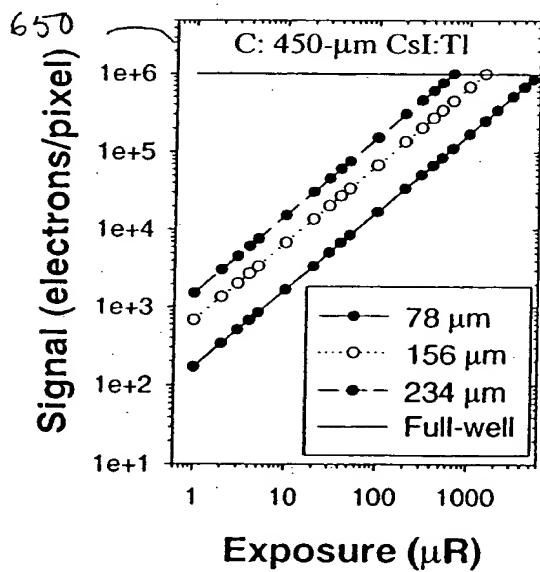


Figure 19C

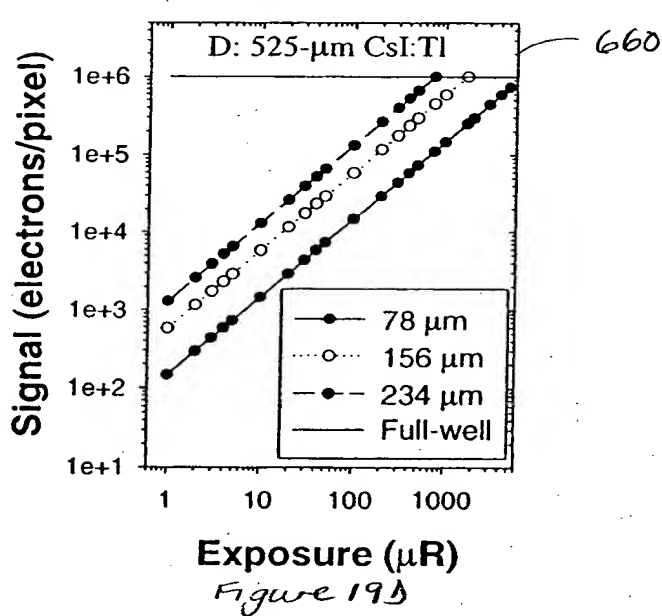
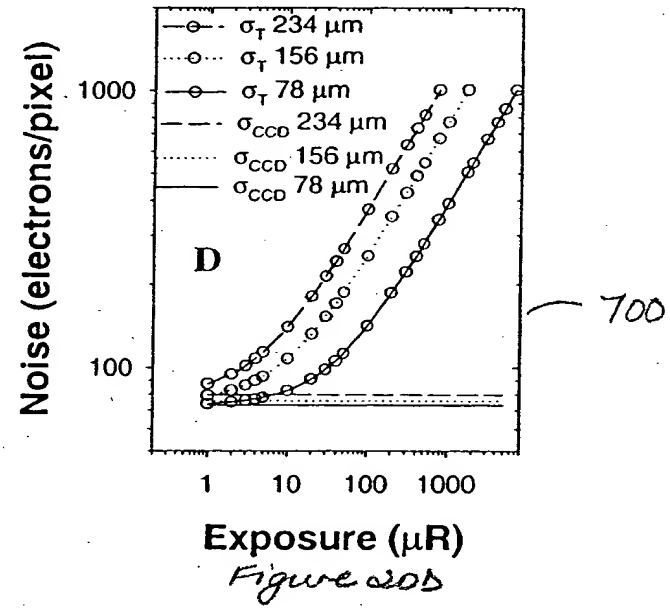
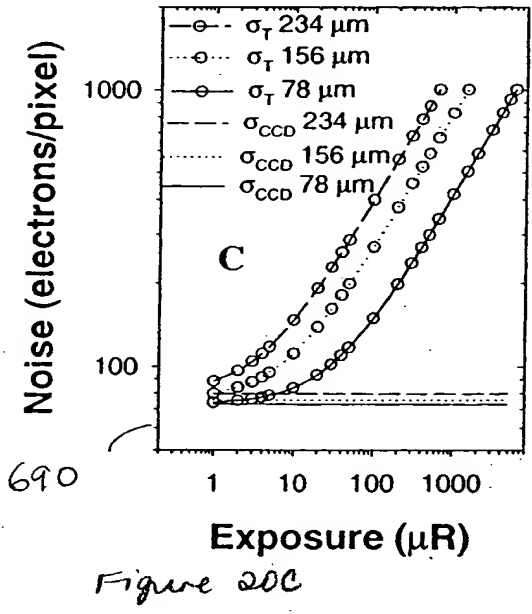
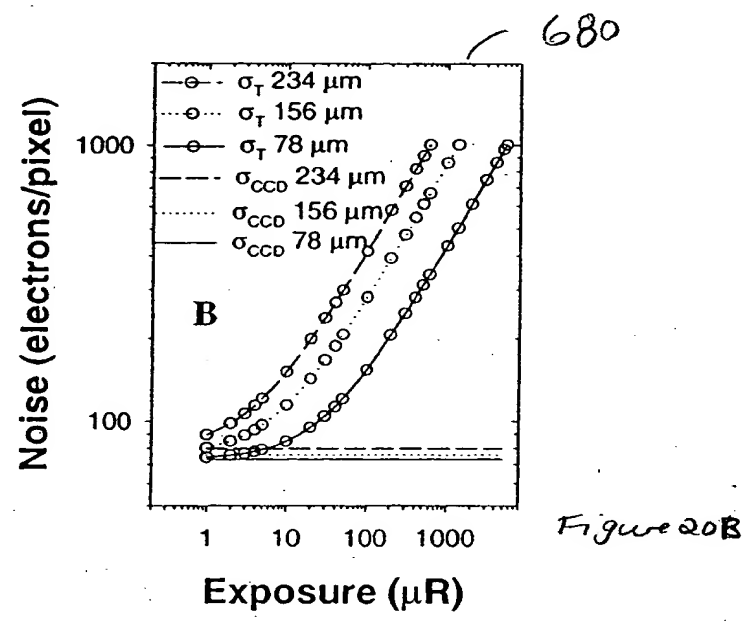
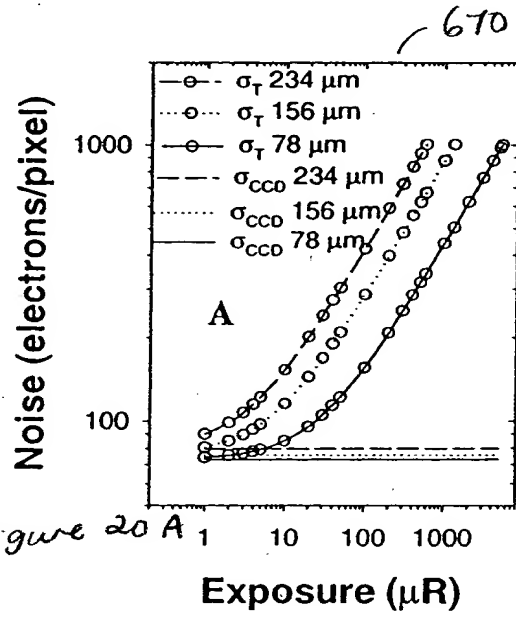


Figure 19D

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FOI217 08806660

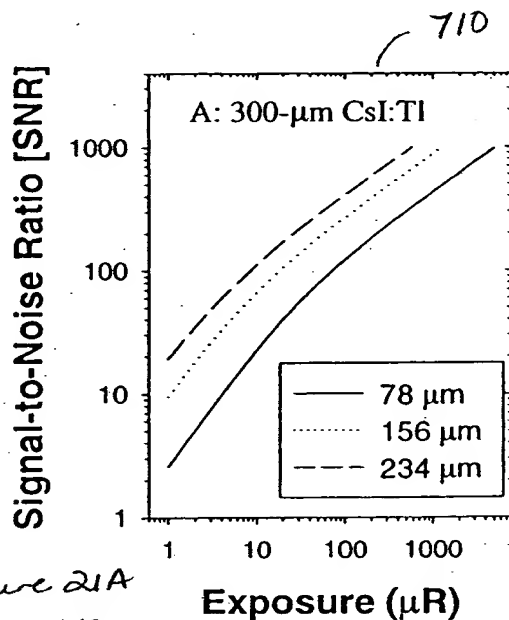


Figure 21A

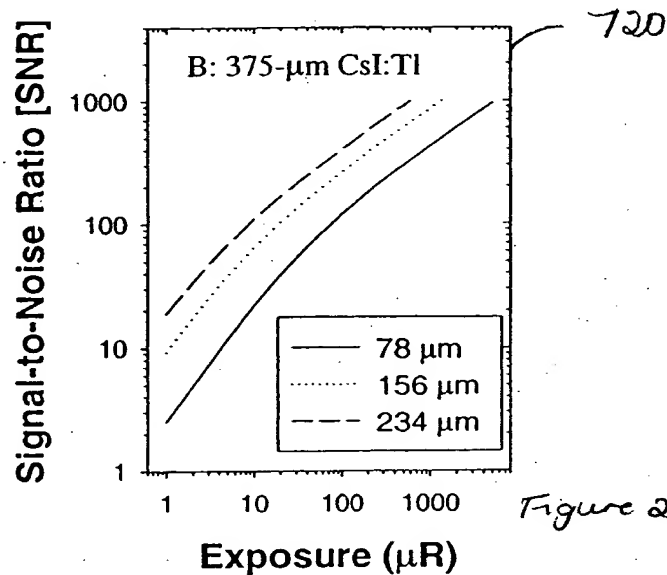


Figure 21B

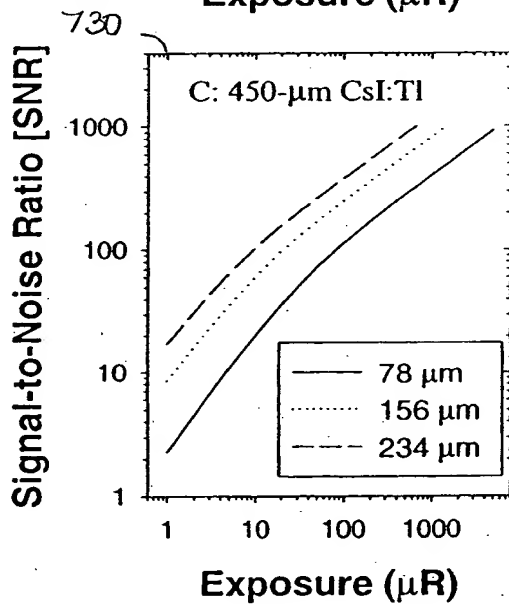


Figure 21C

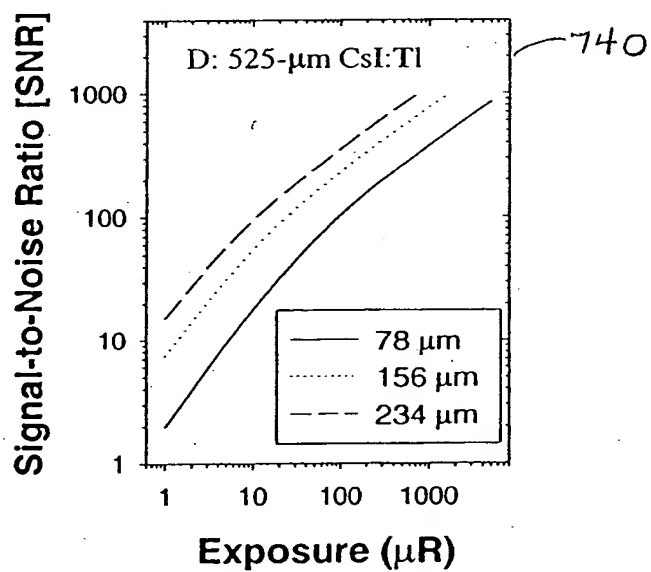


Figure 21D

750

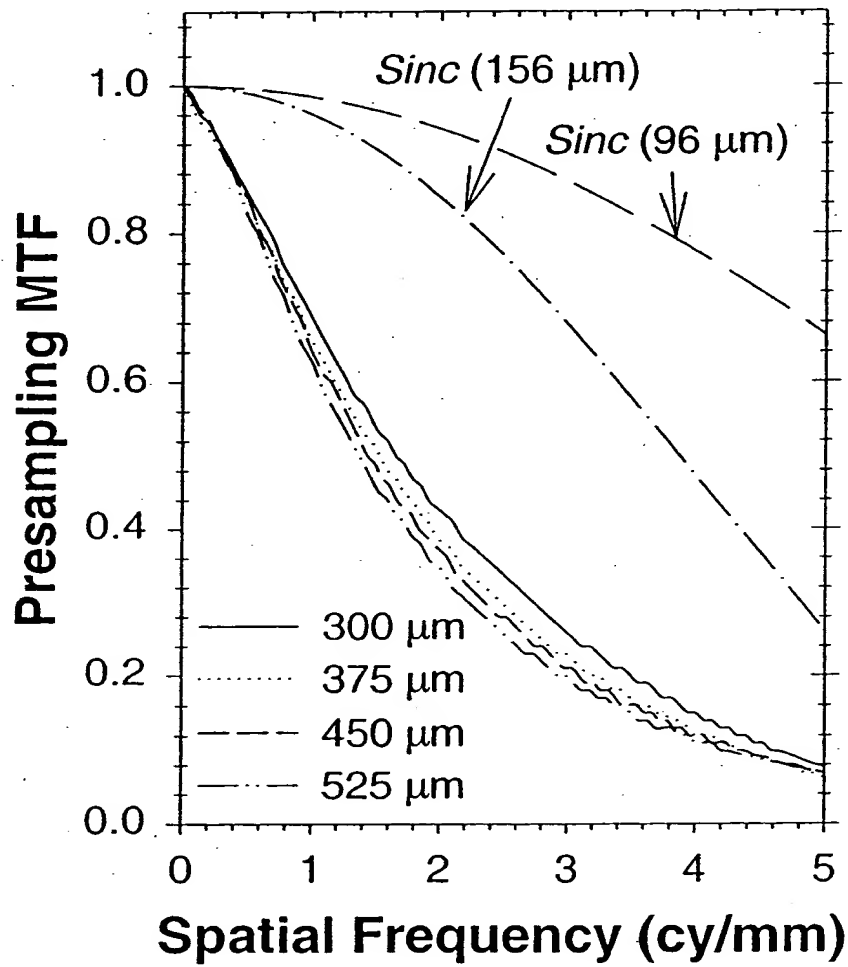


Figure 22

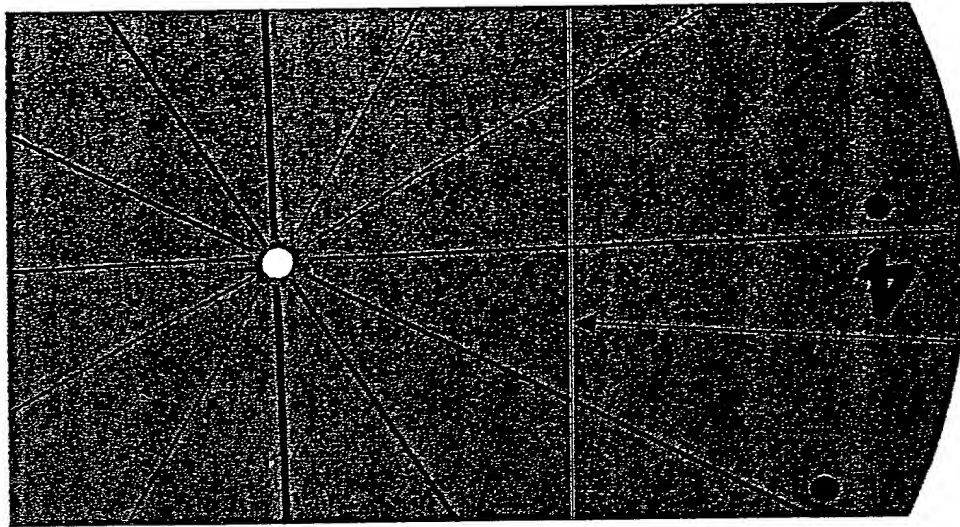


Figure 23A

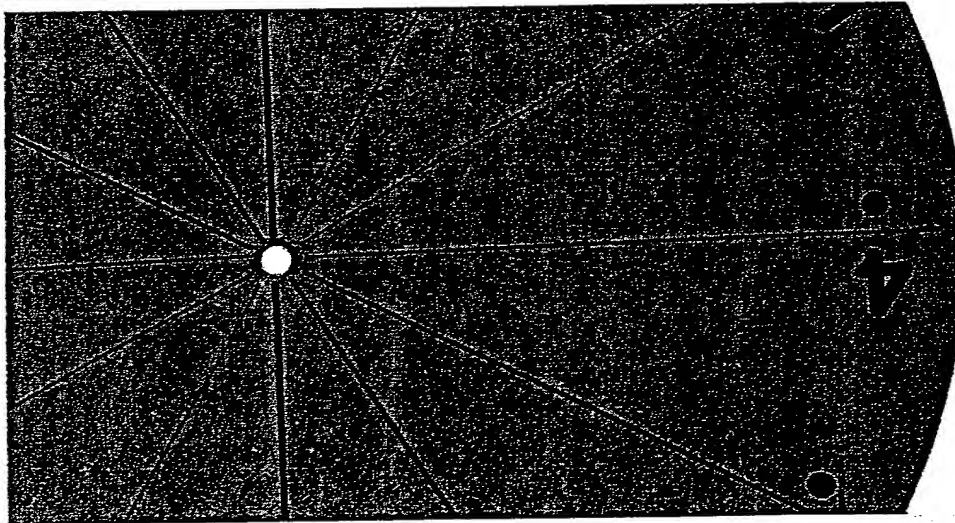


Figure 23B

09990880 112101



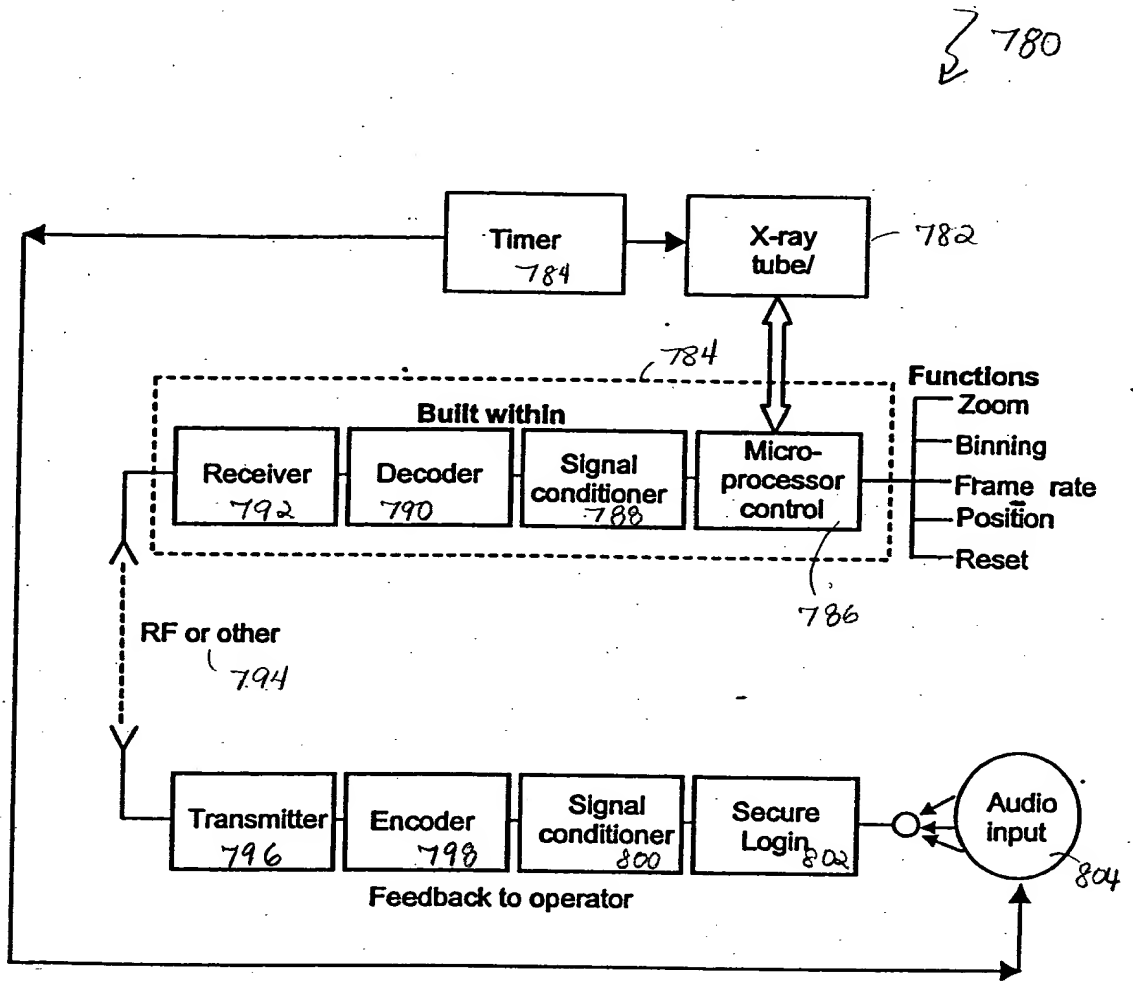


Figure 24

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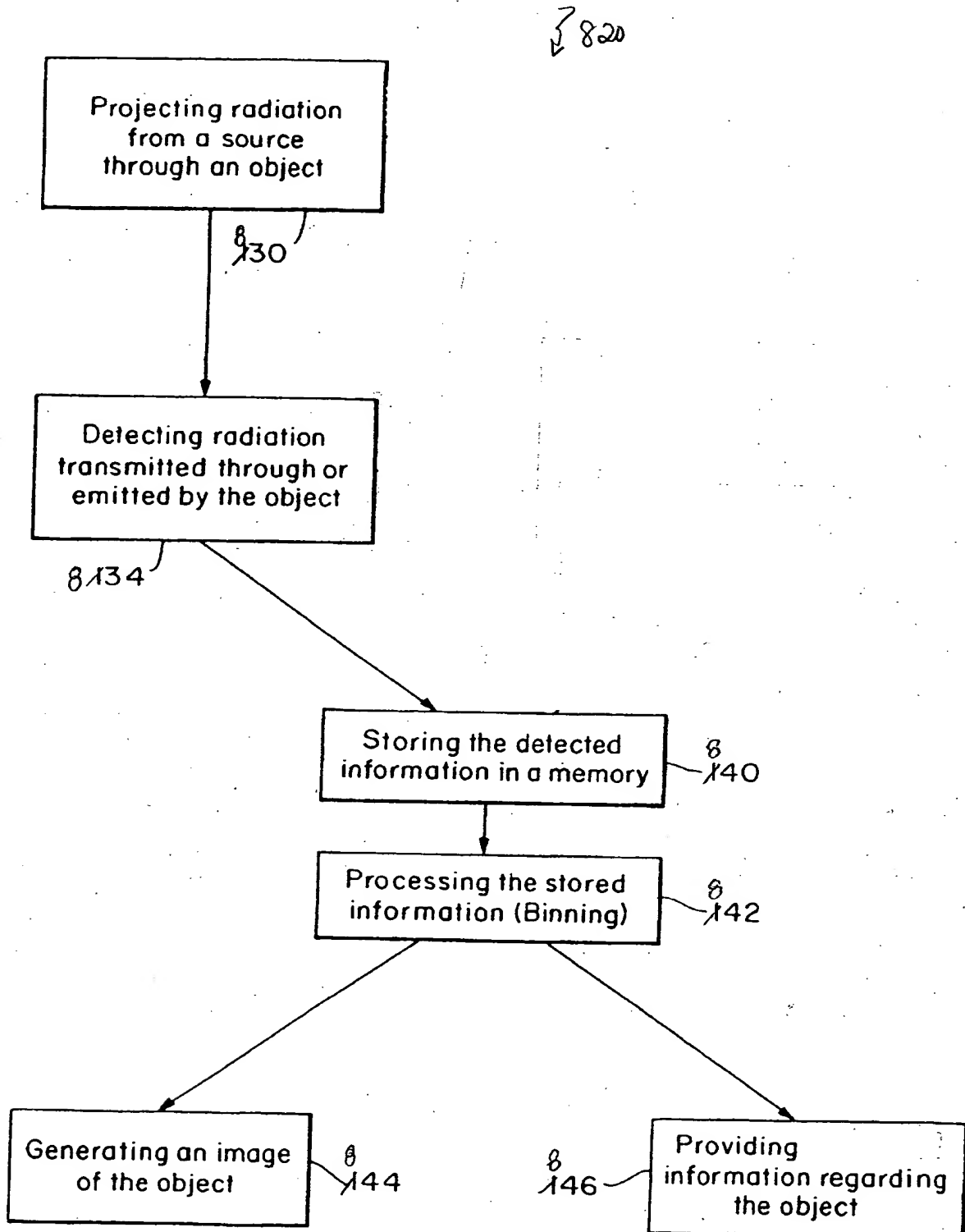


Figure 25A

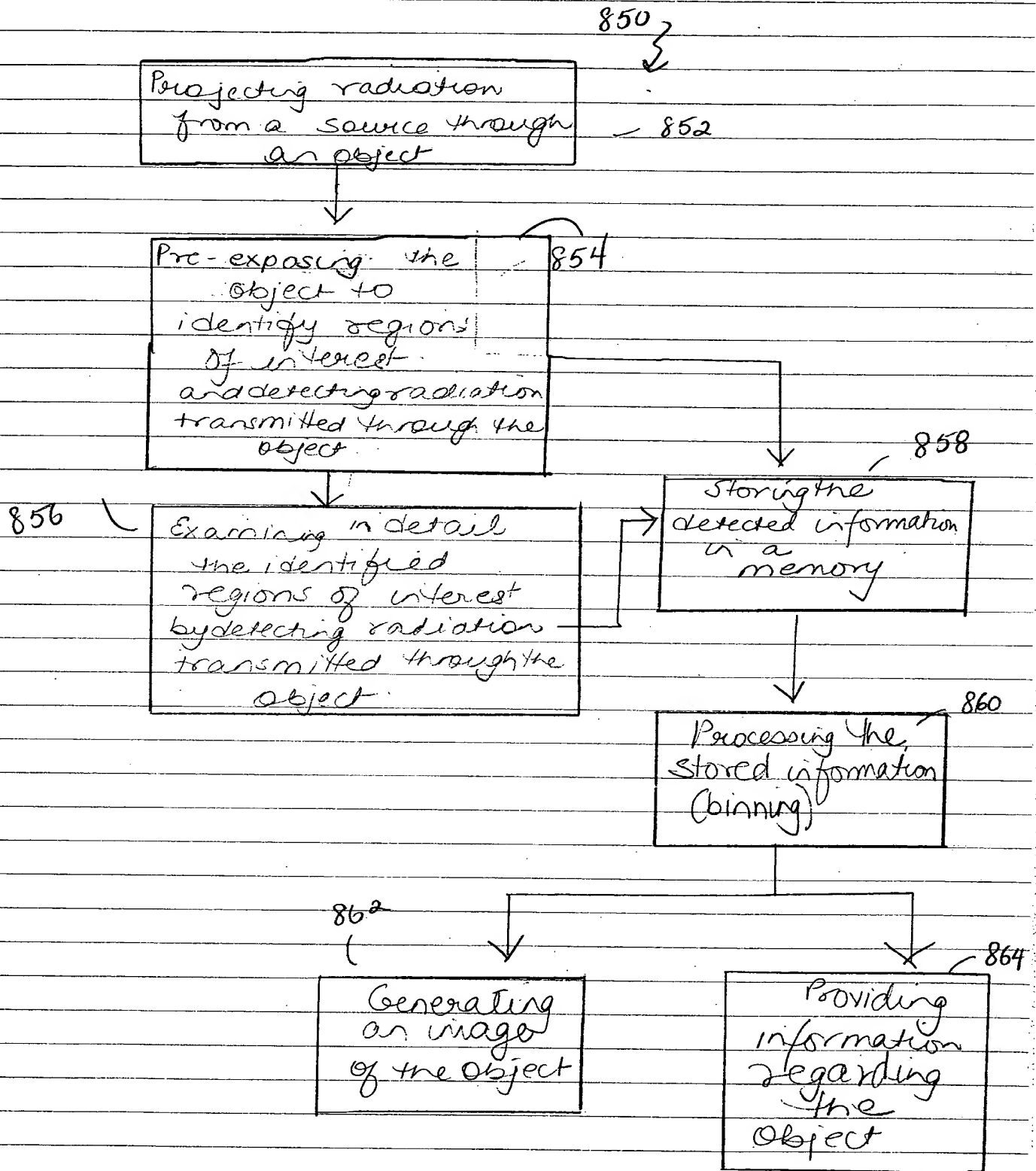


Figure 25B

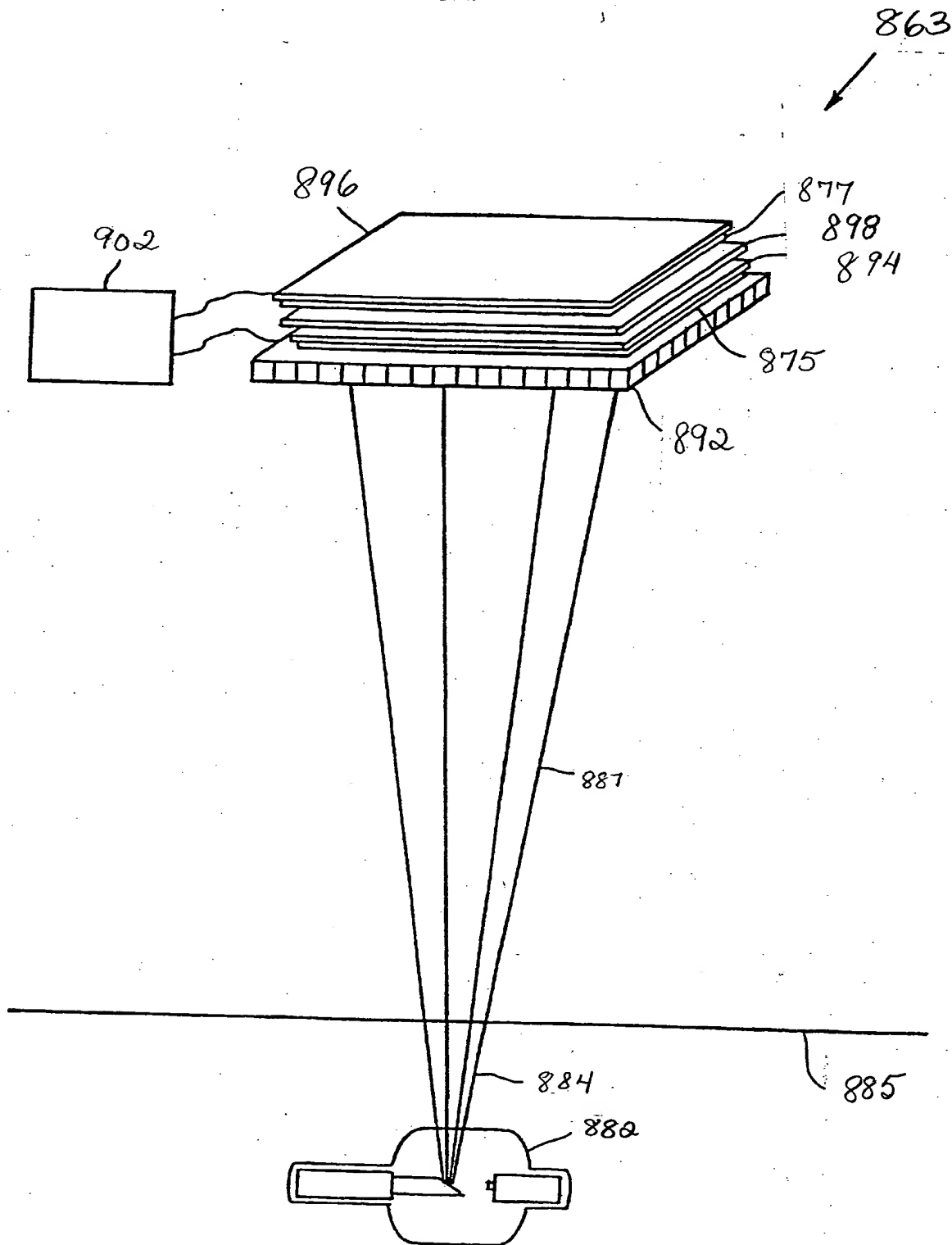


Figure 26 A

0990880 112101

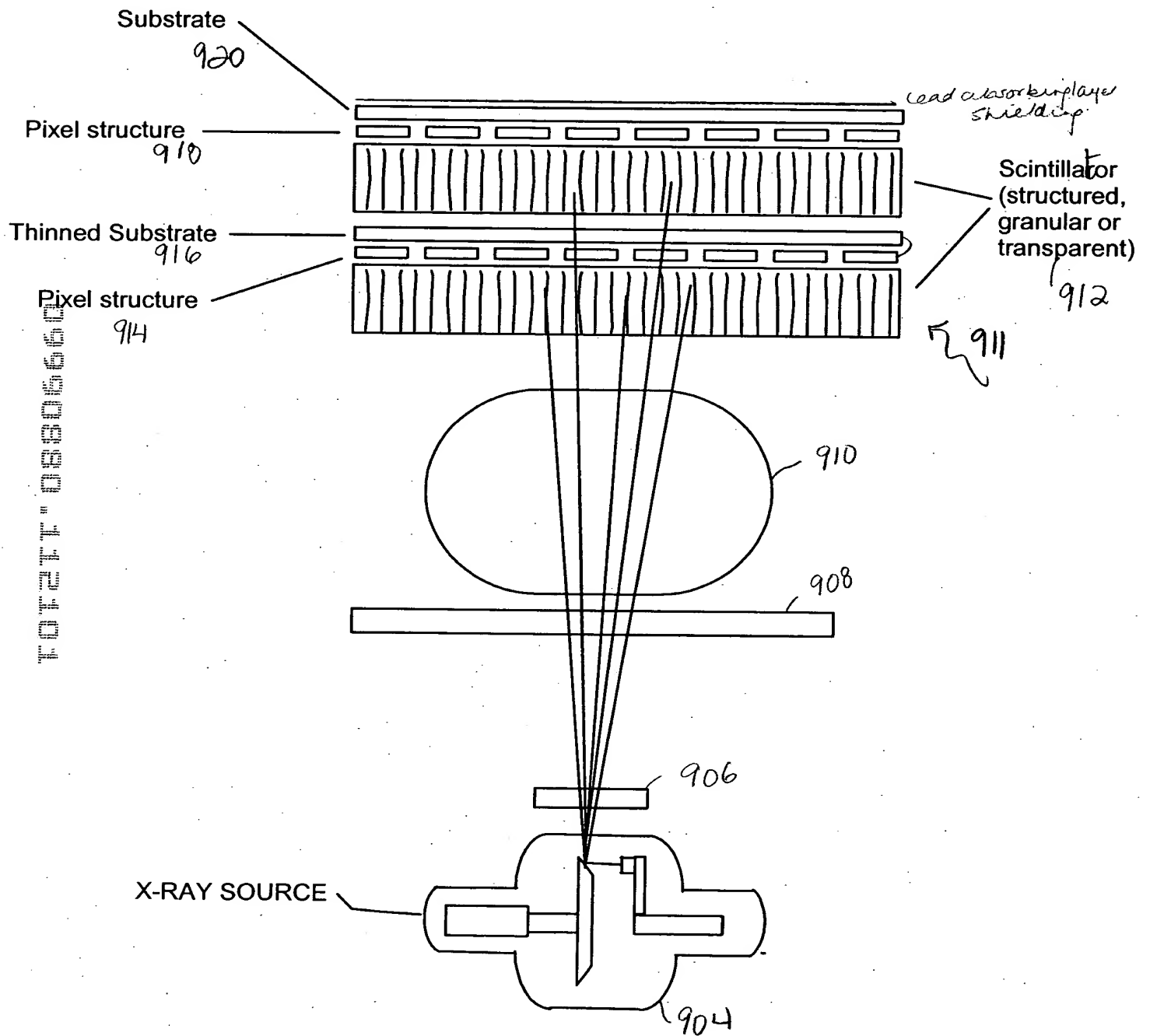


Figure 26B

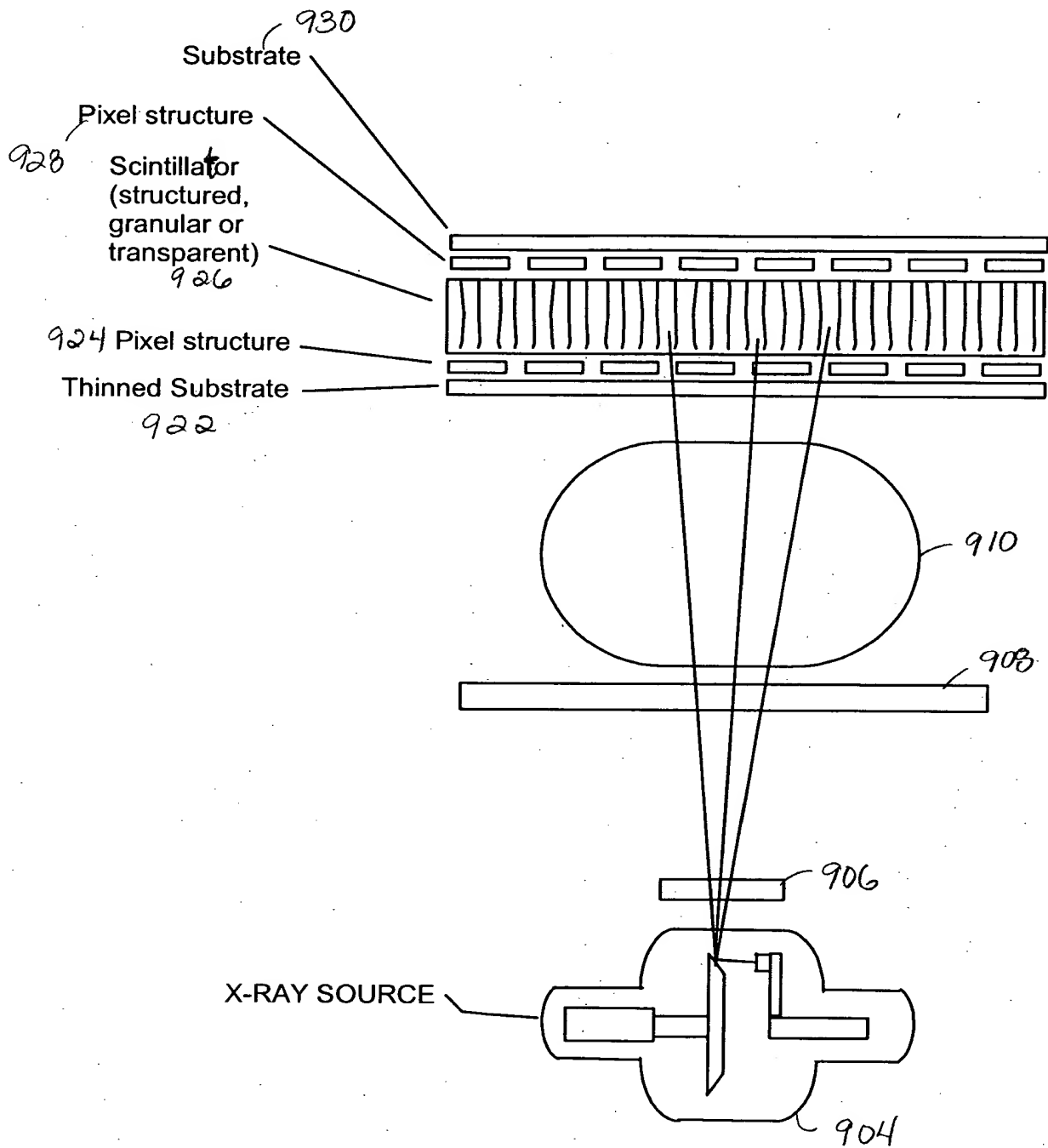


Figure 26C

09990880 11101

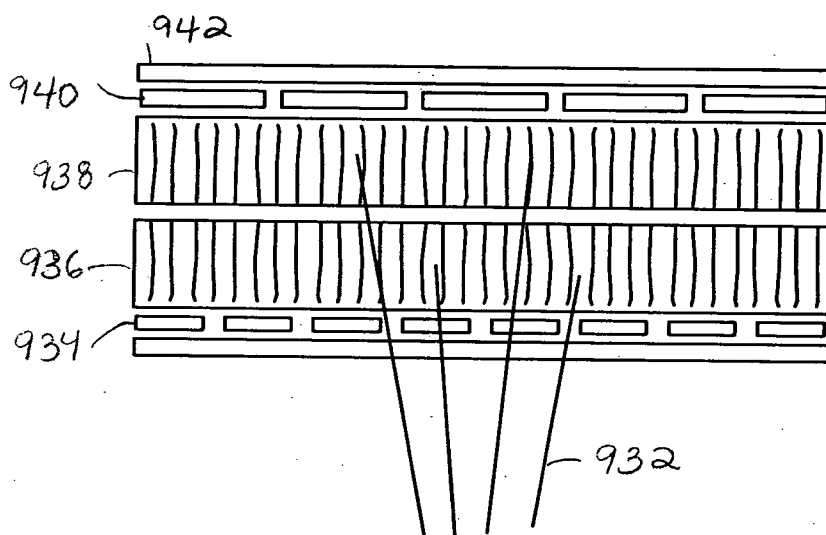


Figure 26D

FIG. 26D

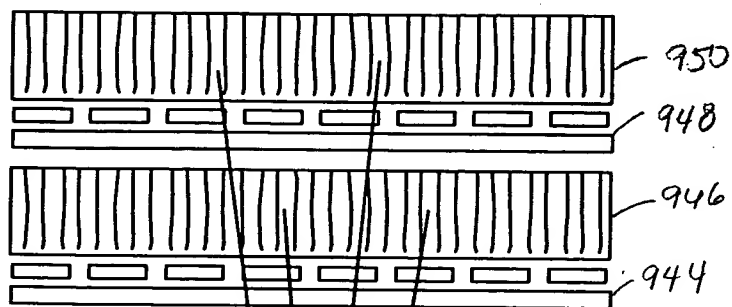


Figure 26E

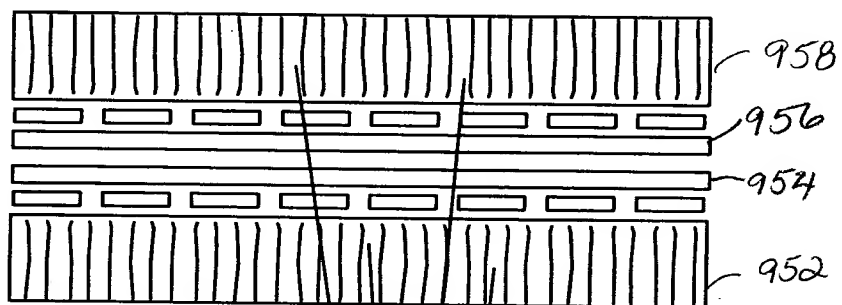


Figure 26F

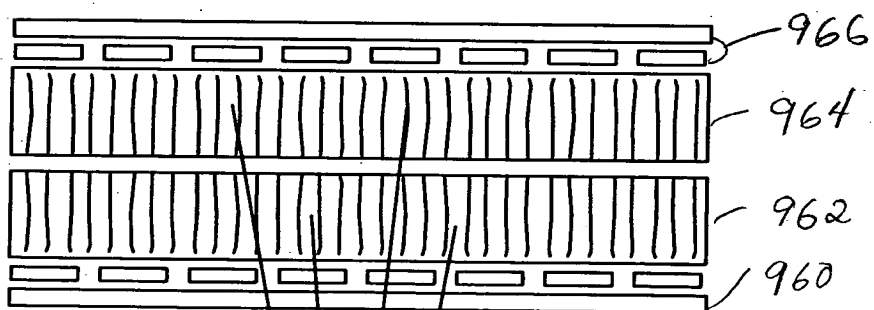


Figure 26G



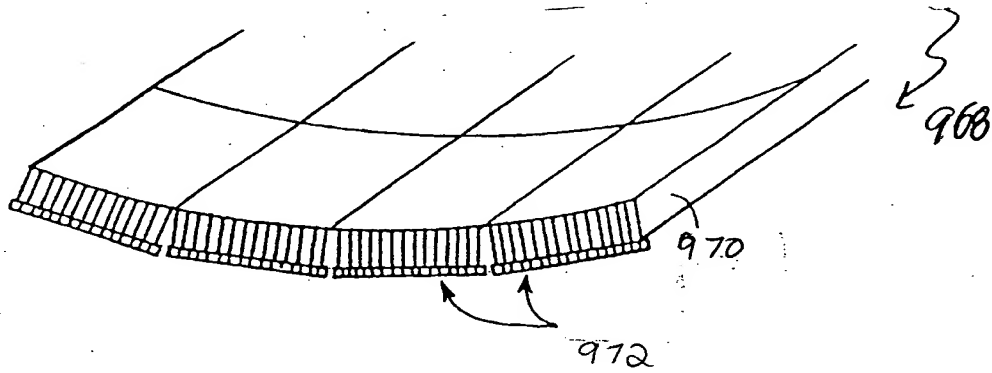


Figure 27

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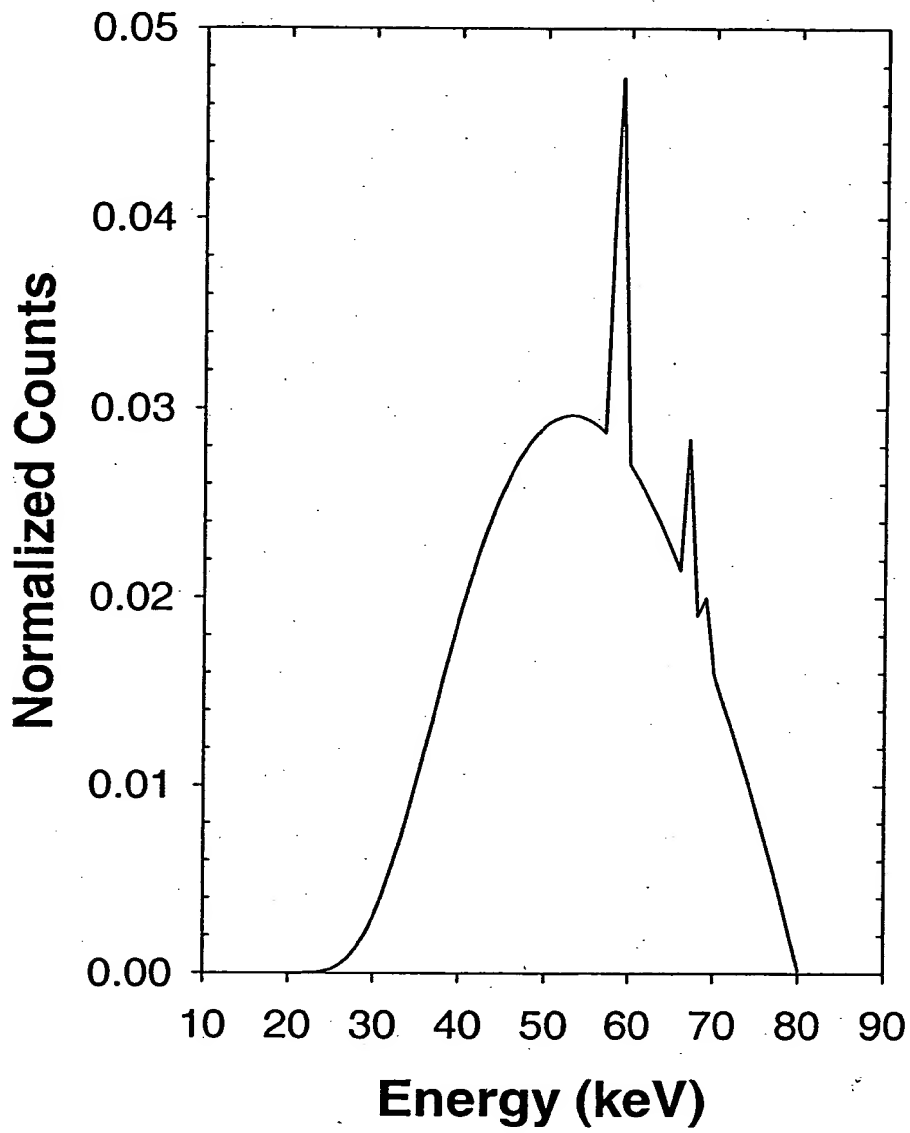


Figure 28

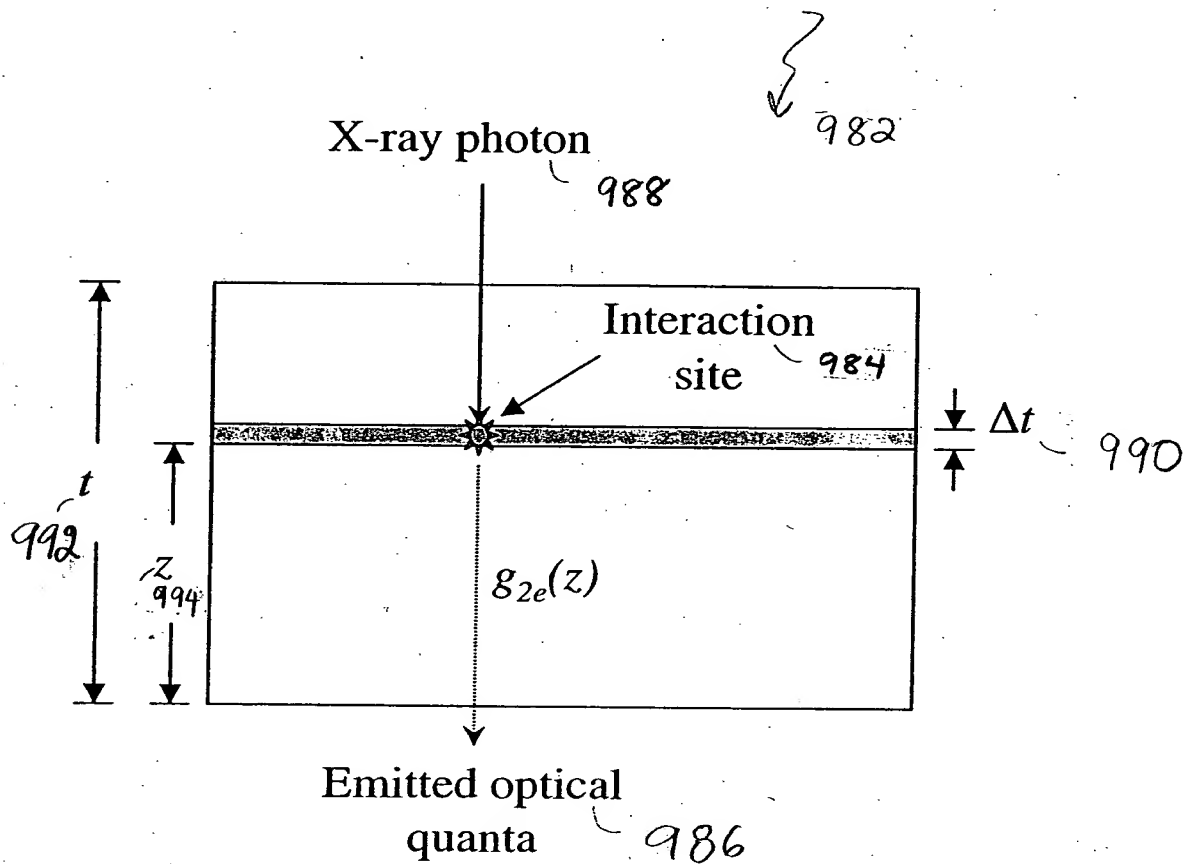


Figure 29

09900380 112101

994

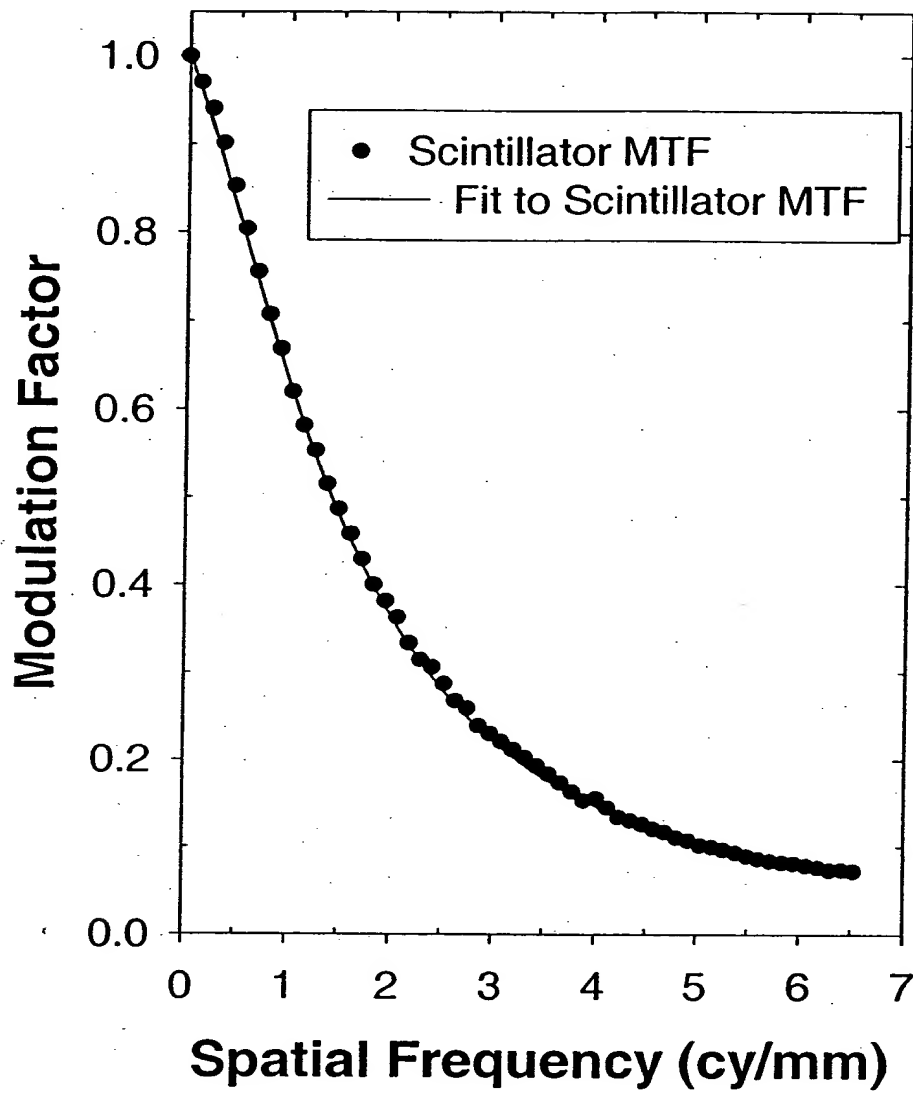


Figure 30

§ 996

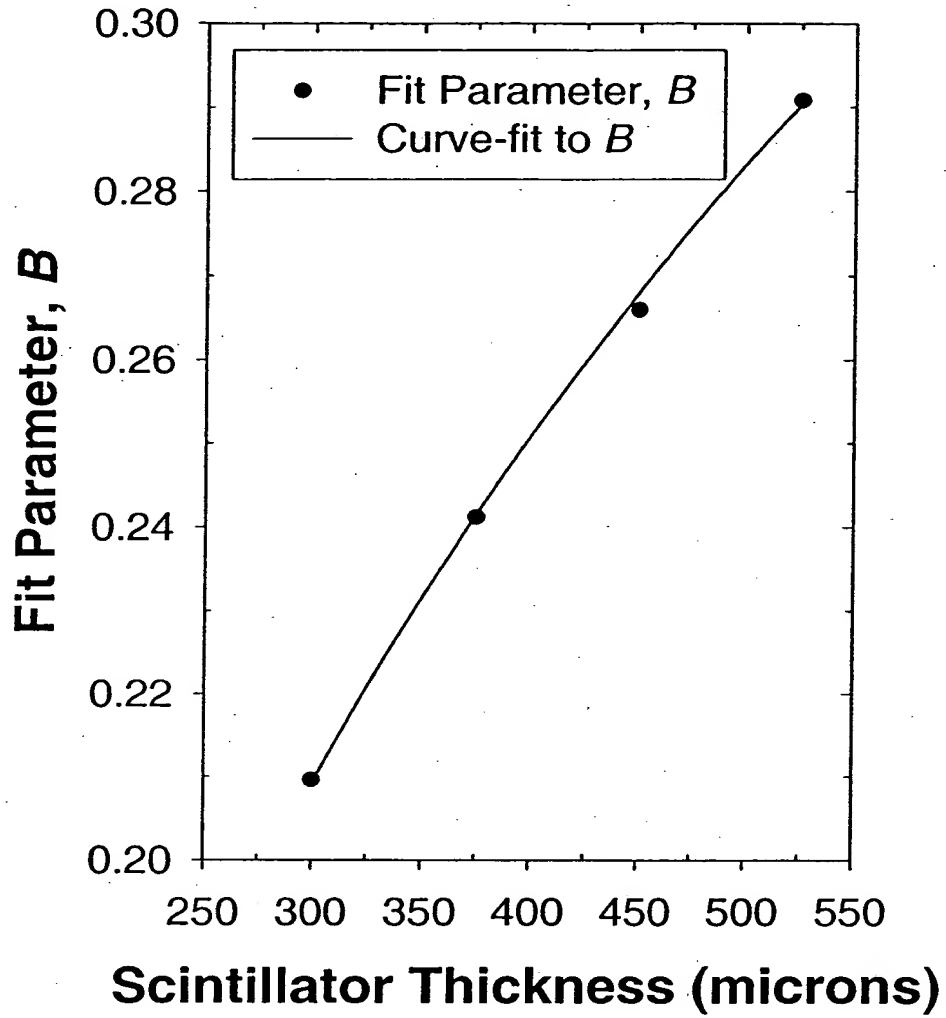
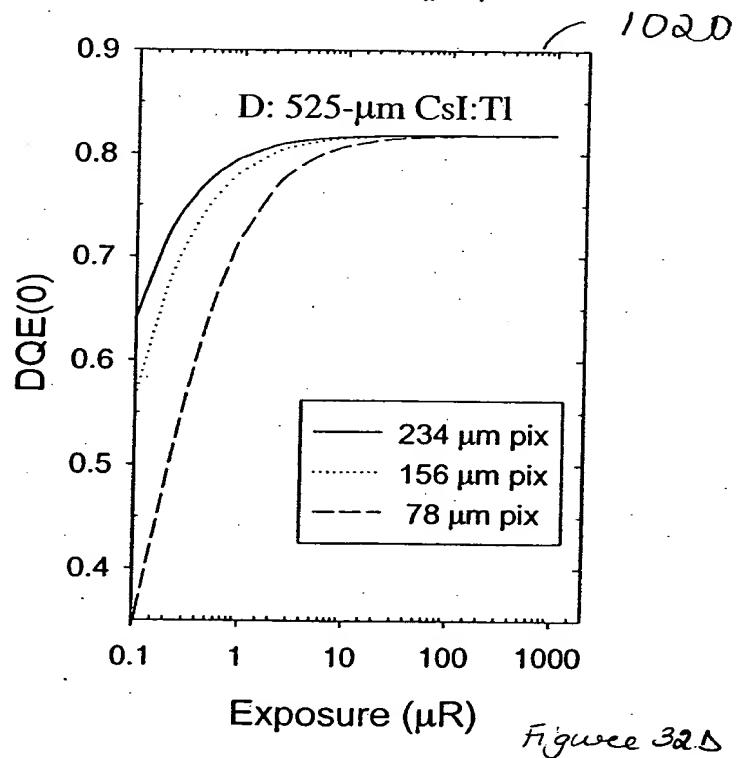
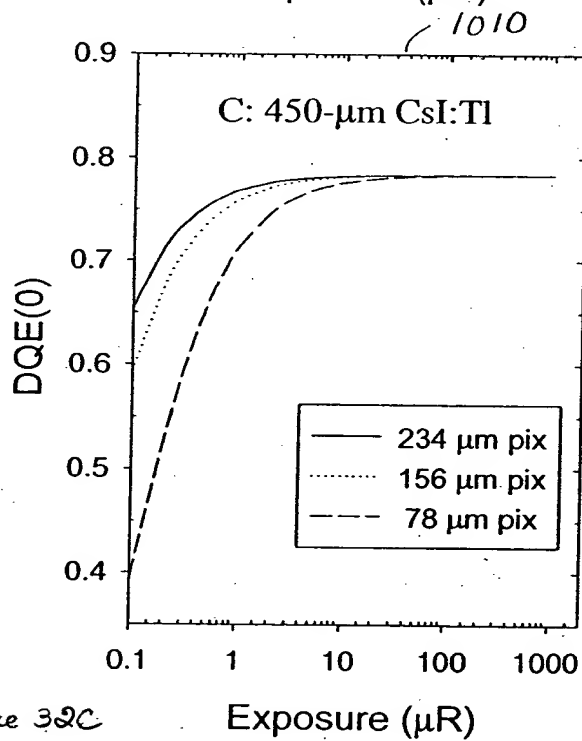
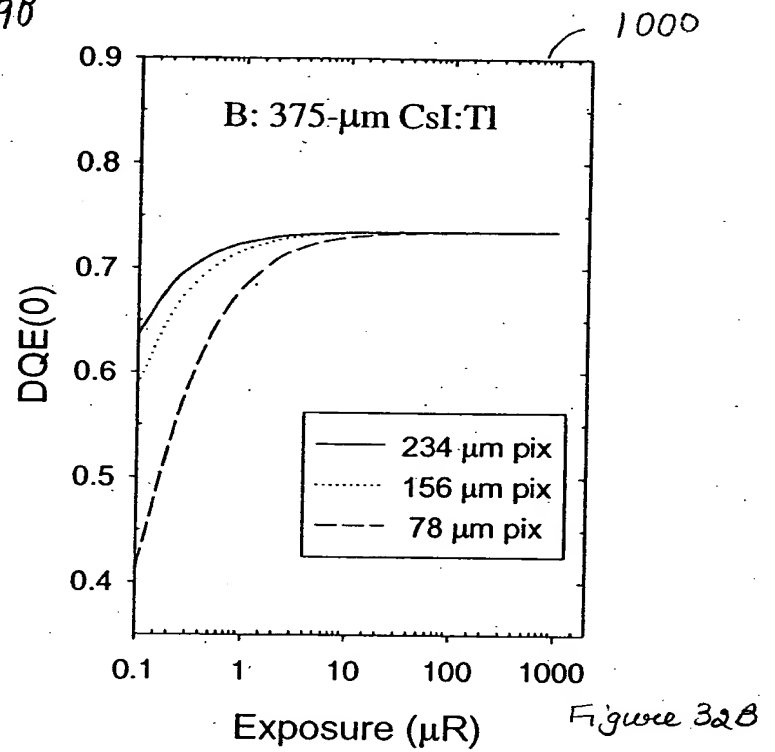
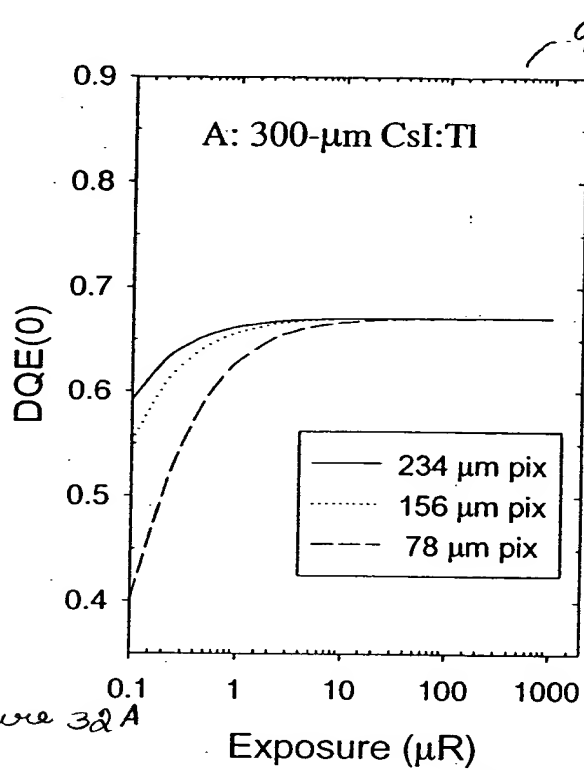


Figure 3:1



1030

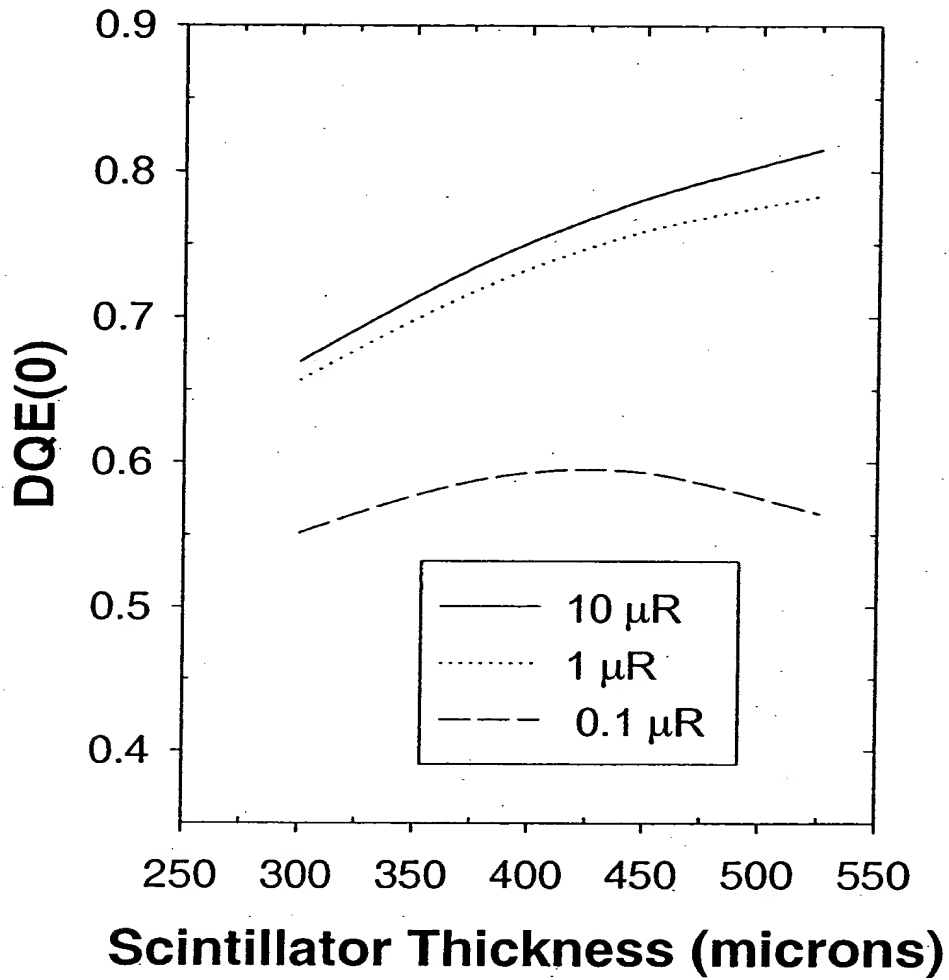


Figure 33

1040

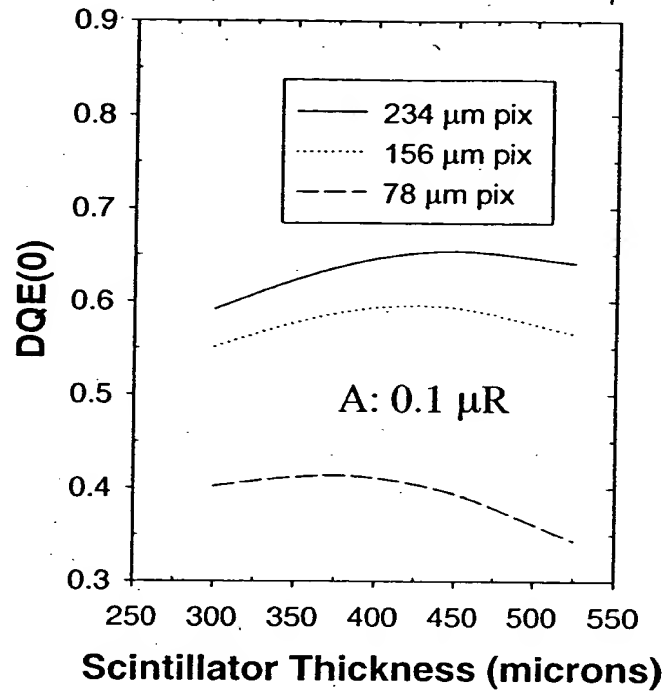
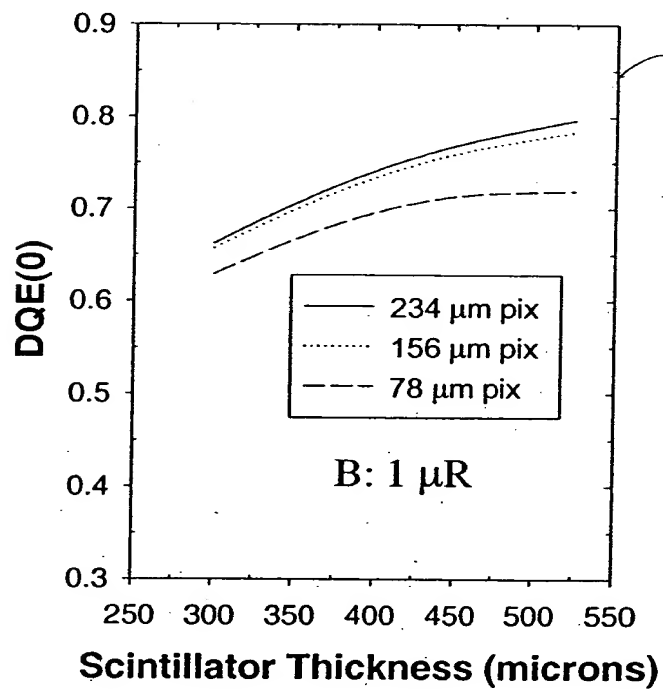


Figure 34A



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Figure 34B

FOI 217 08806660



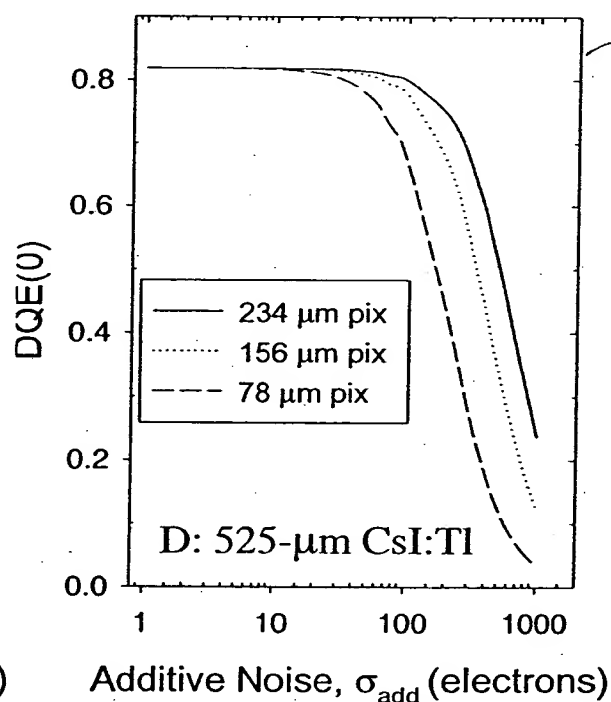
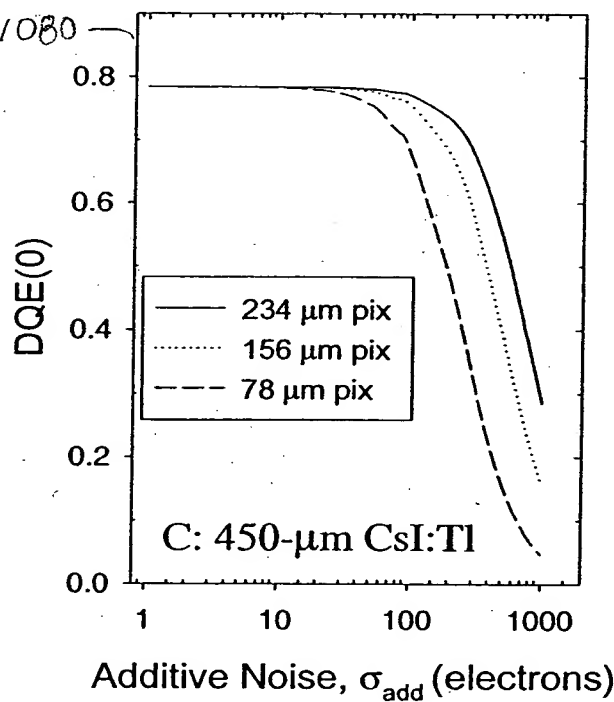
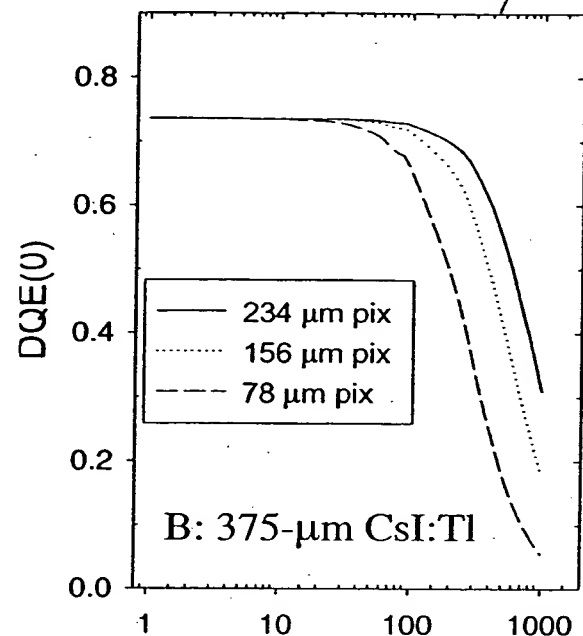
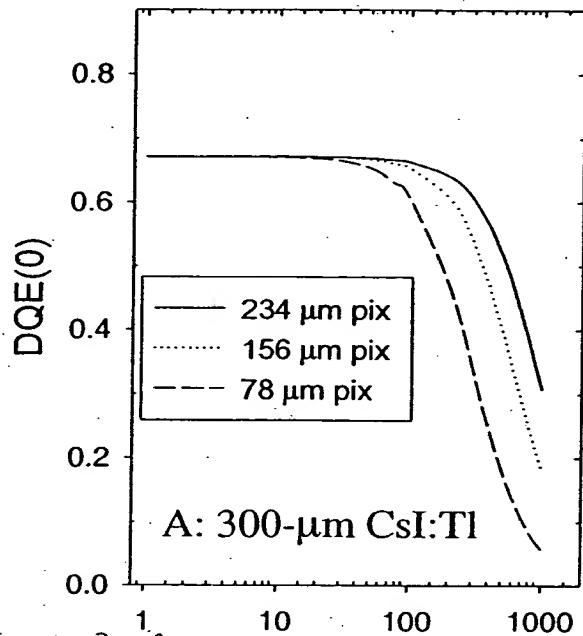
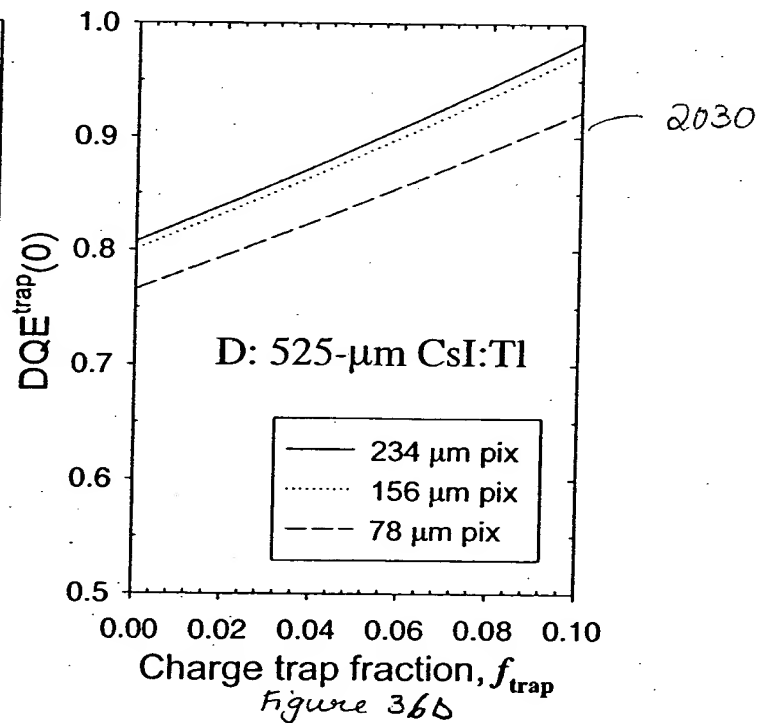
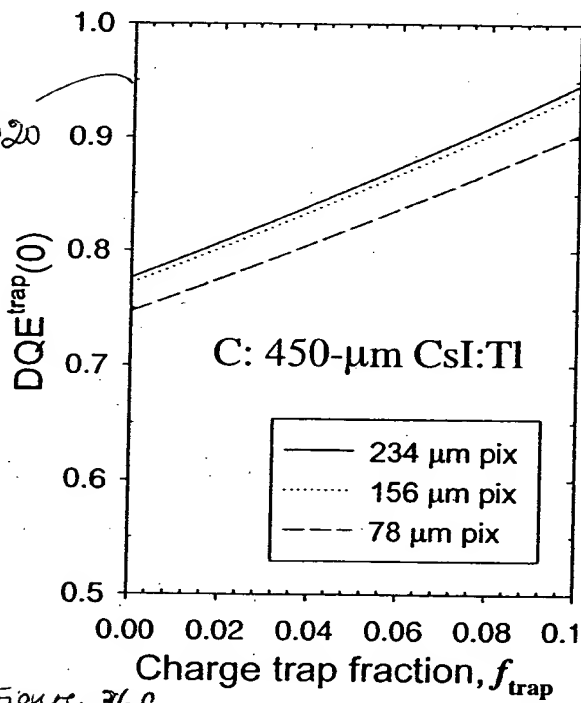
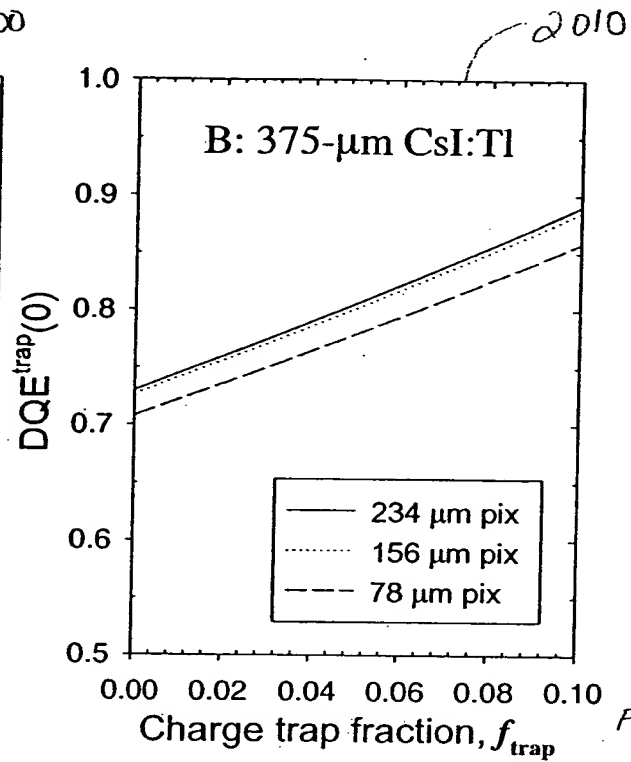
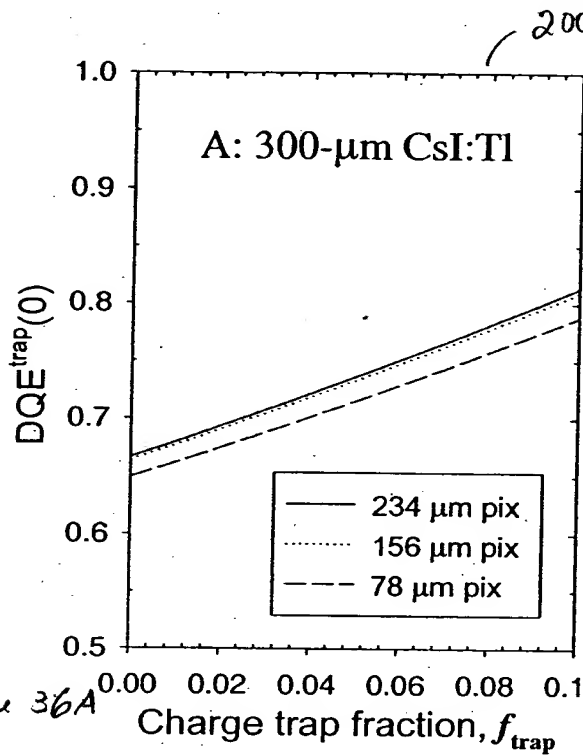


Figure 35A

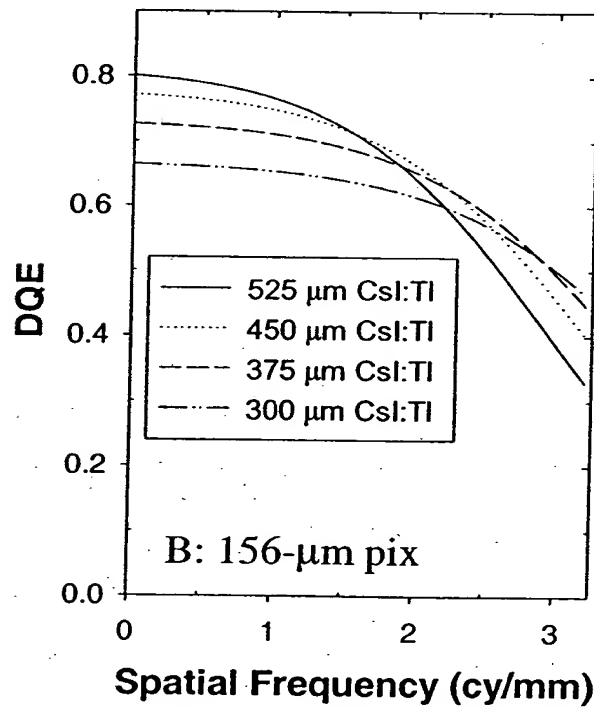
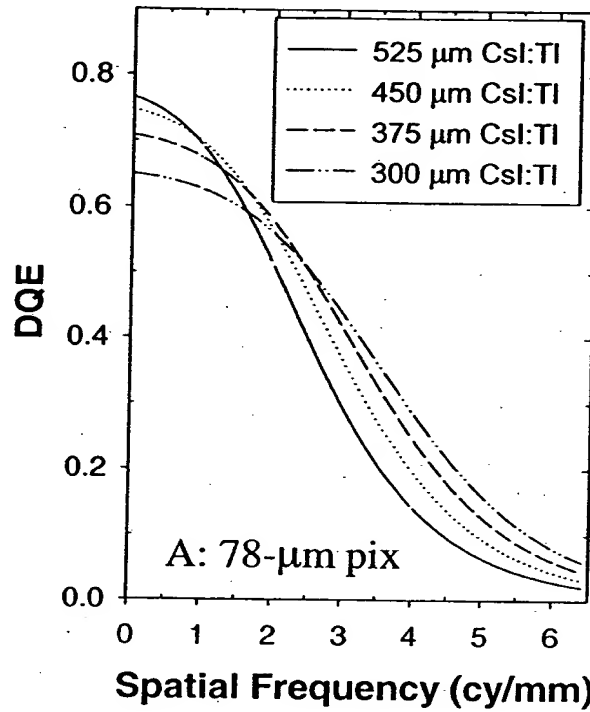
Figure 35B

Figure 35C

Figure 35D



TOTAL: 0880660



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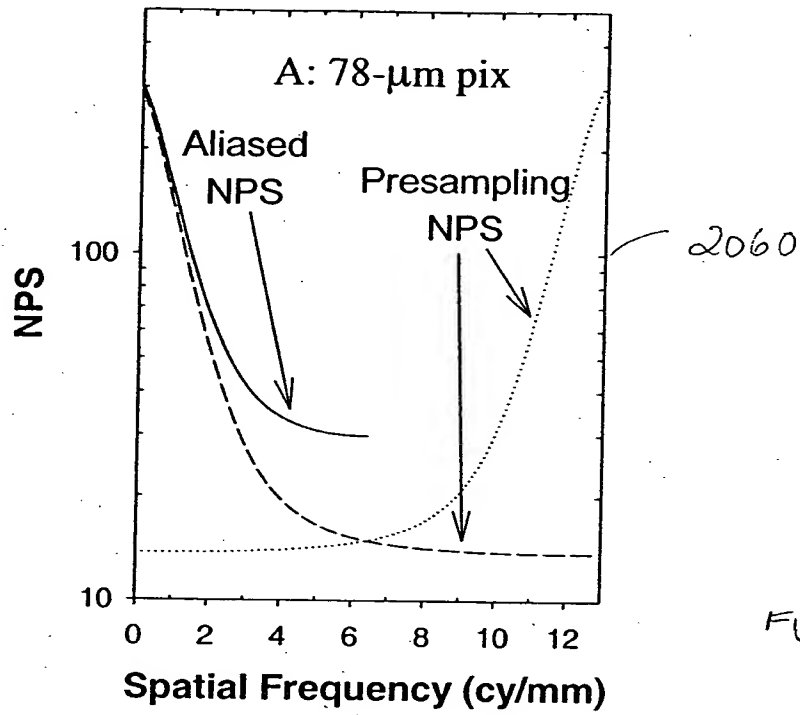


Figure 38A

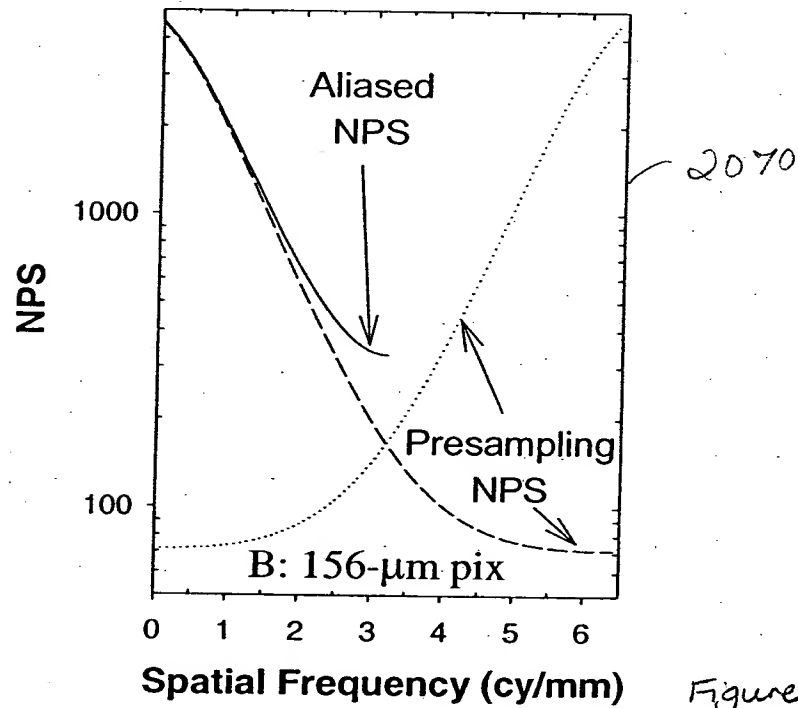


Figure 38B

FOI# 08806660

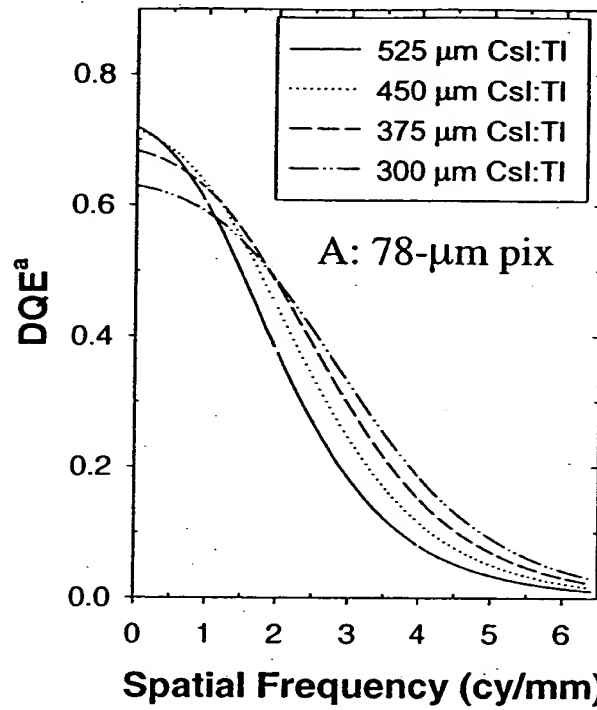


Figure 39

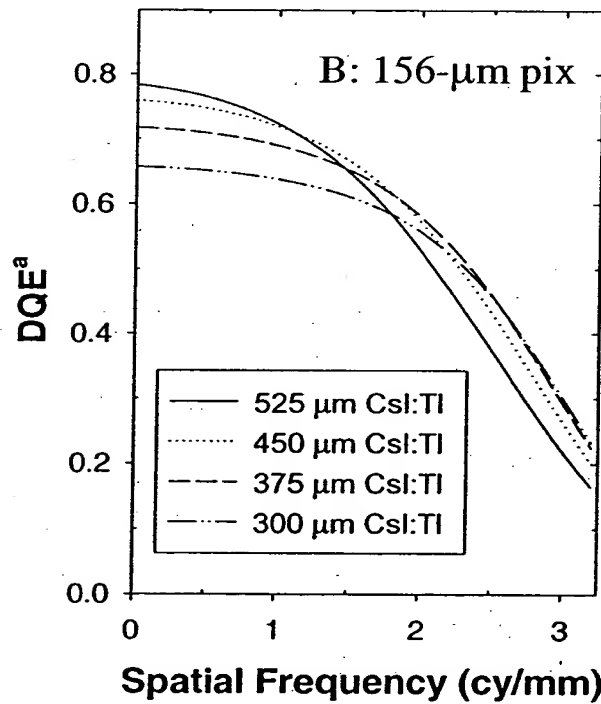
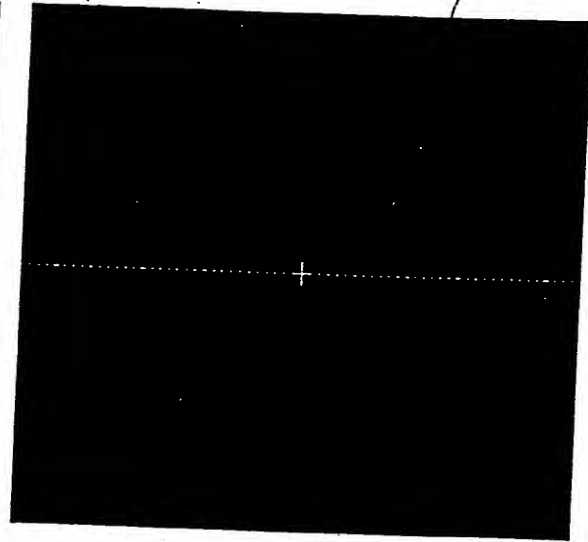
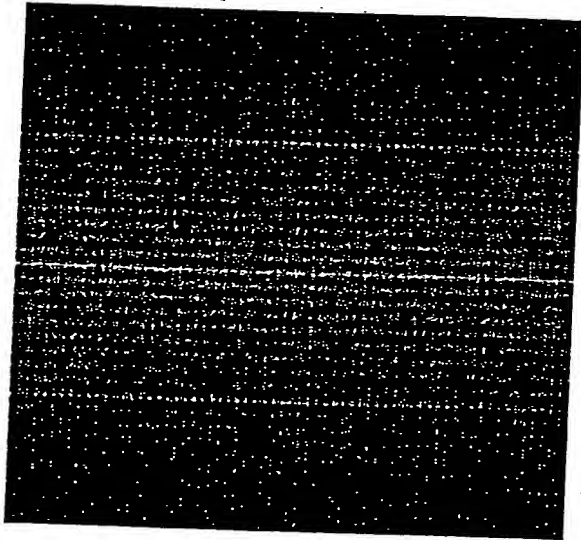


Figure 40

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2110



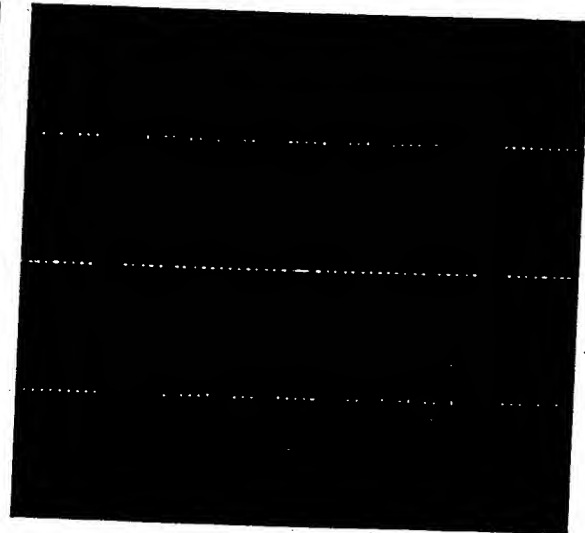
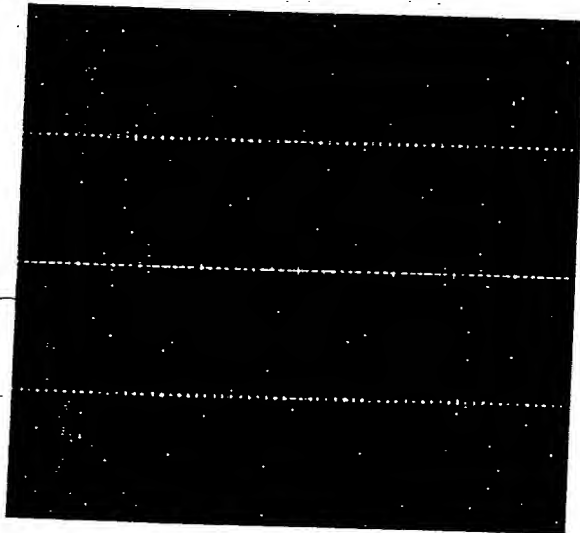
09590880-112101

Figure 41A

6.865 FPS

13.73 FPS

Figure 41B



2120

2140

18.307 FPS

27.46 FPS

Figure 41C

Figure 41D

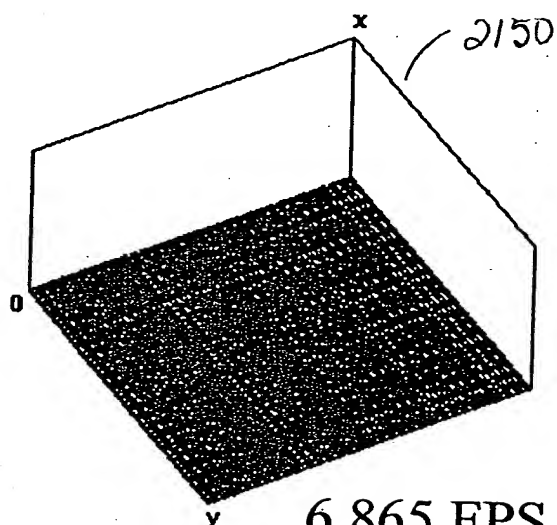


Figure 42A

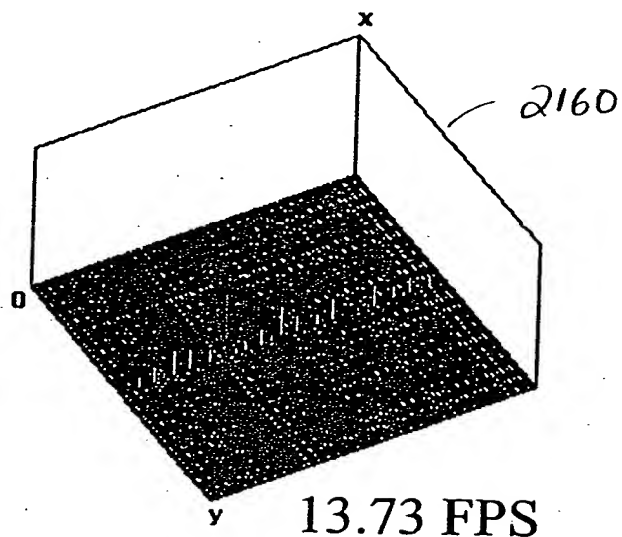


Figure 42B

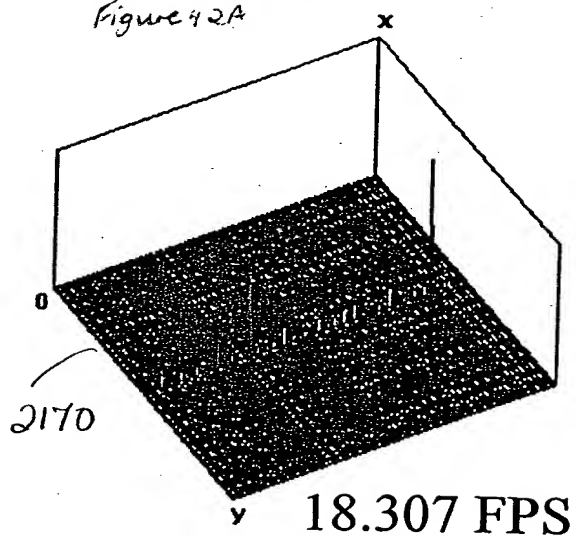


Figure 42C

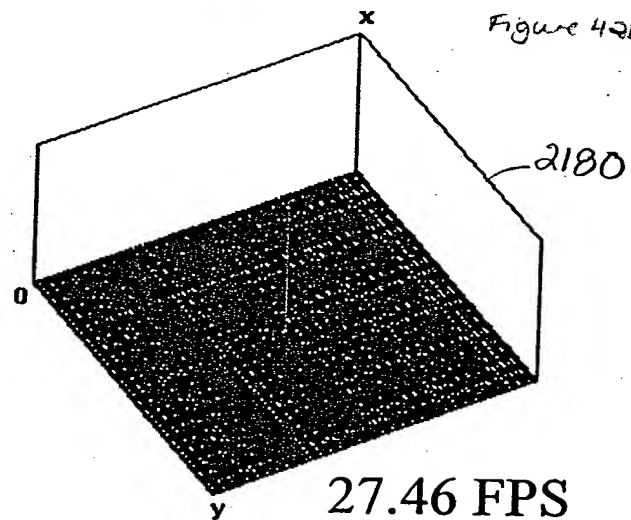


Figure 42D

09990880 112101

2190

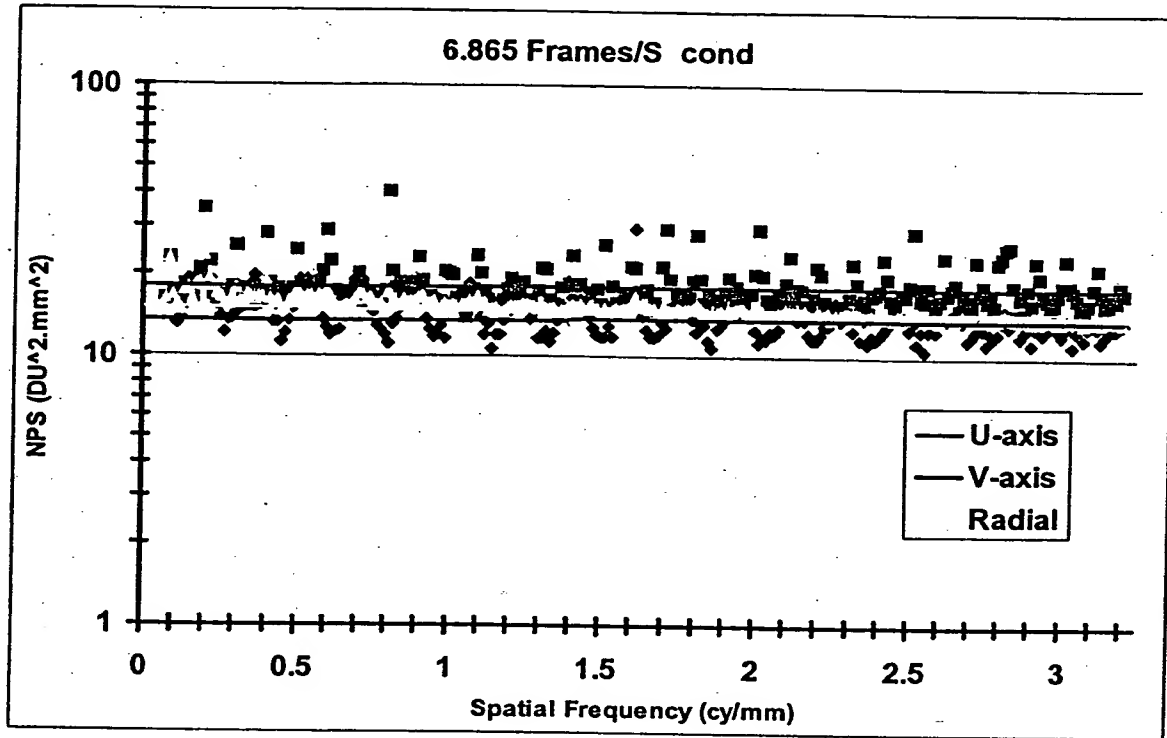


Figure 43

FOI211" 08806660



2200

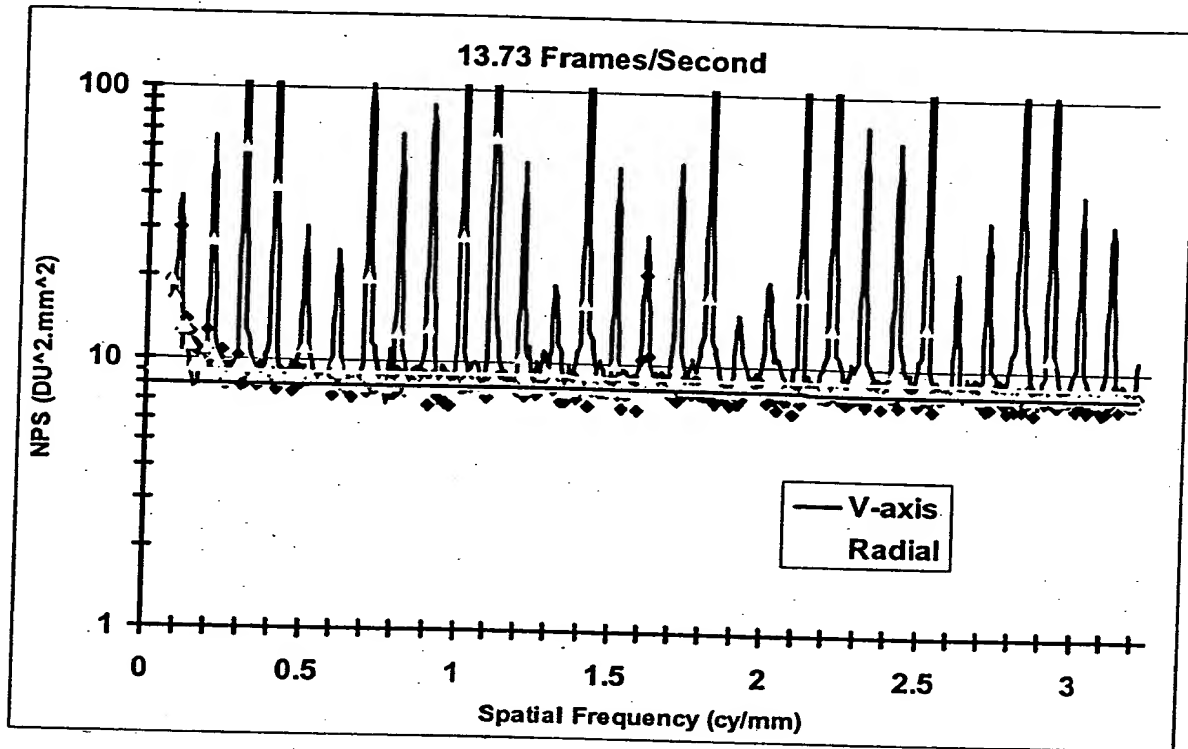


Figure 44

FOI217-08806660

2300

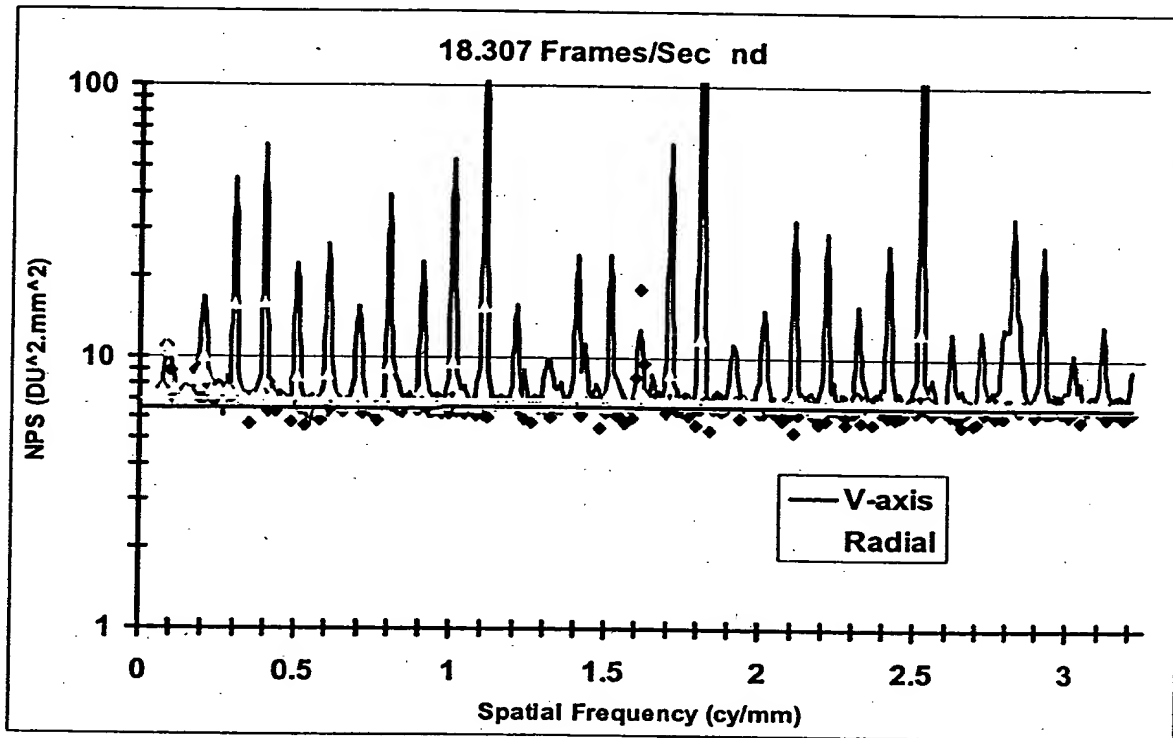


Figure 45

09990880 08806660

2400

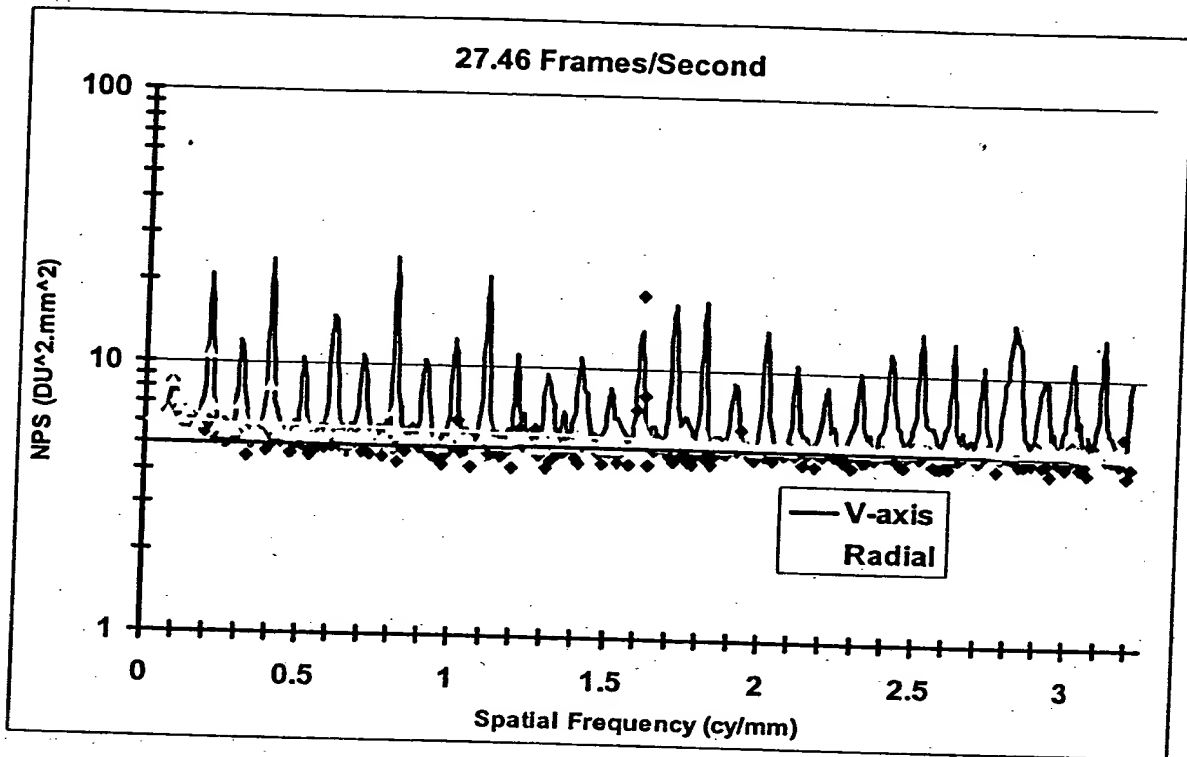


Figure 46

FOI277 08806660

2500

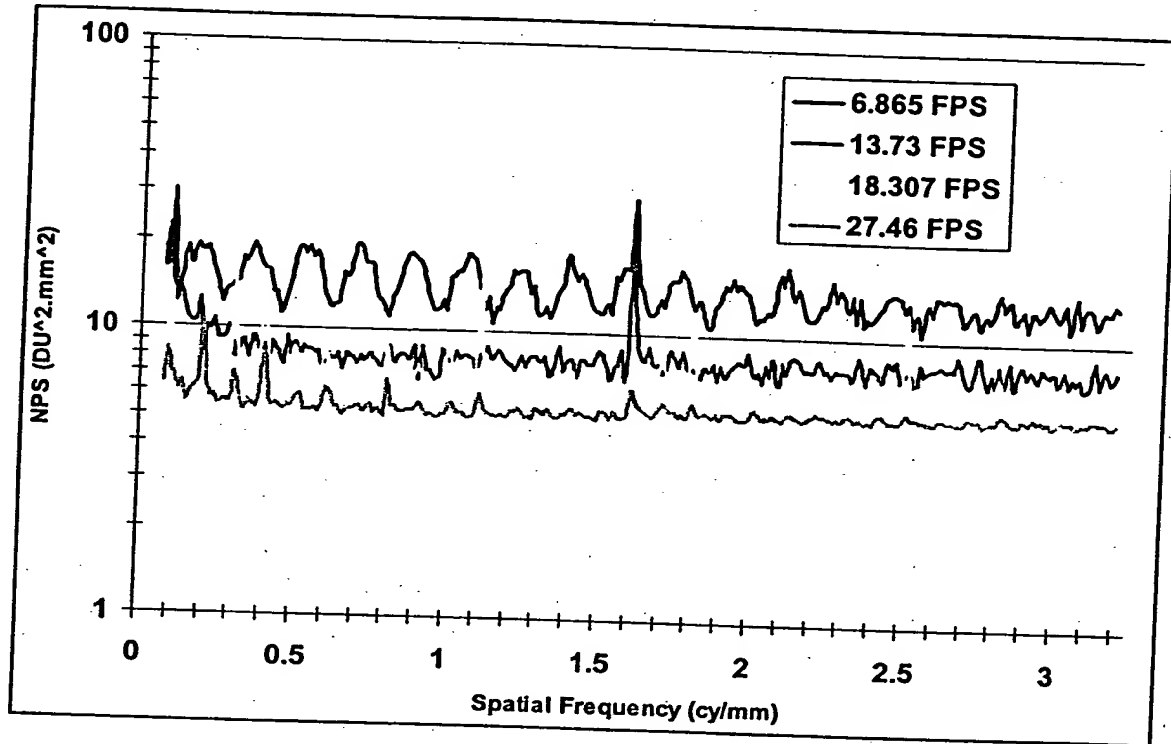


Figure 47

FOI27-08806650

2600

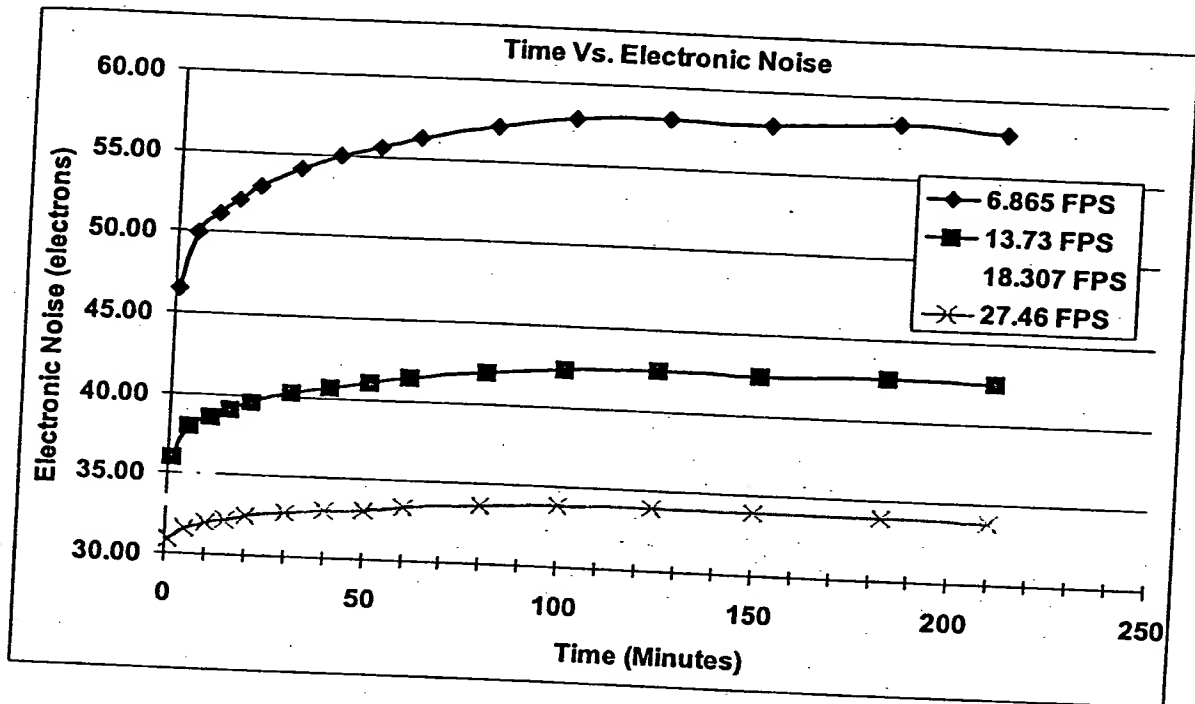


Figure 48

009000001101

2700

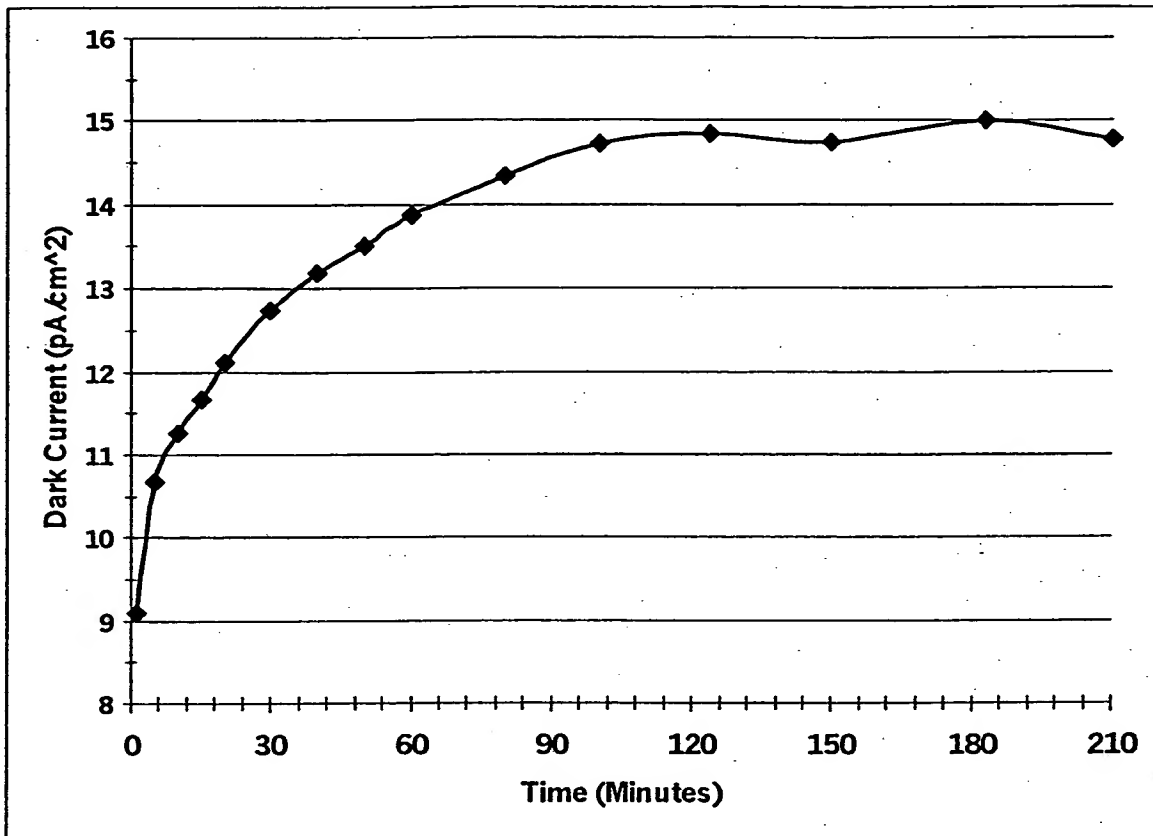


Figure 49

09908806660

2800

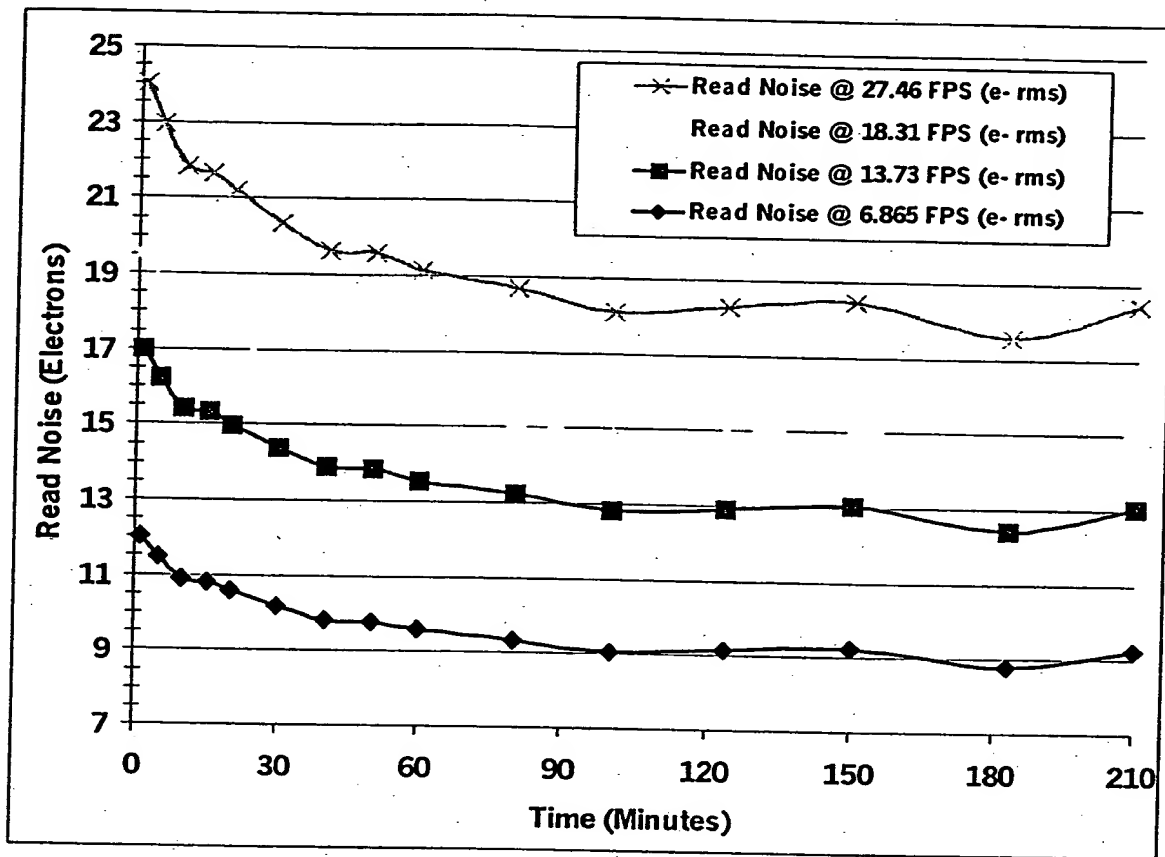


Figure 20

FOI# 08806660

22900

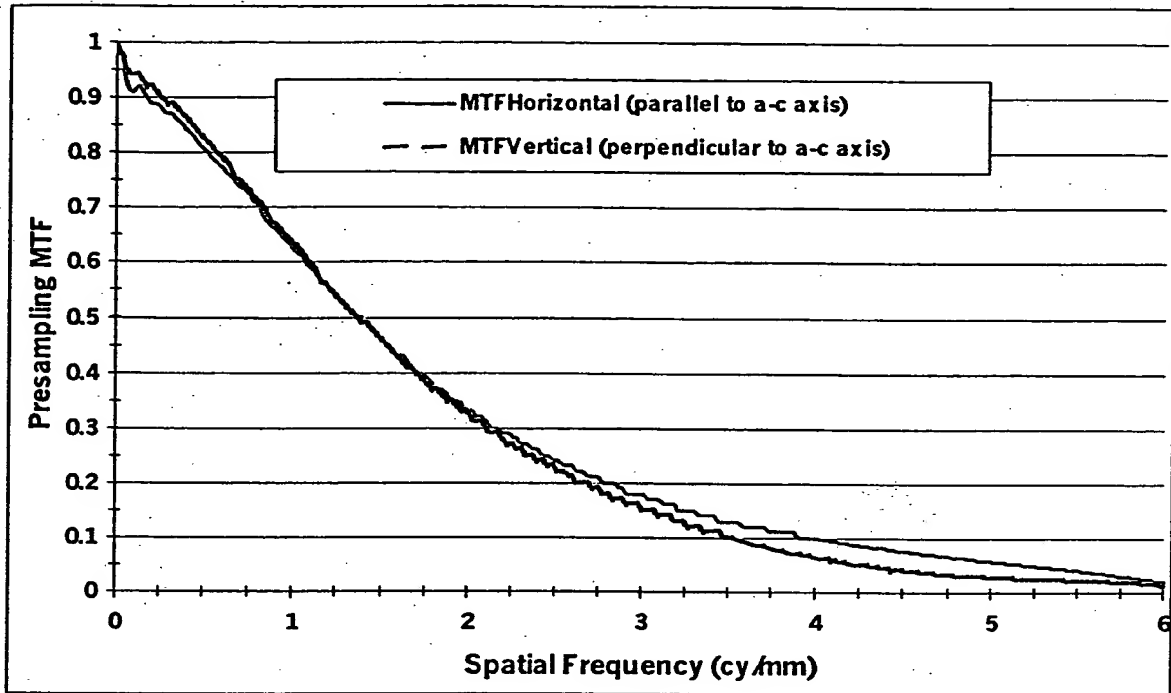


Figure 51

TOTAL 08806660



3000

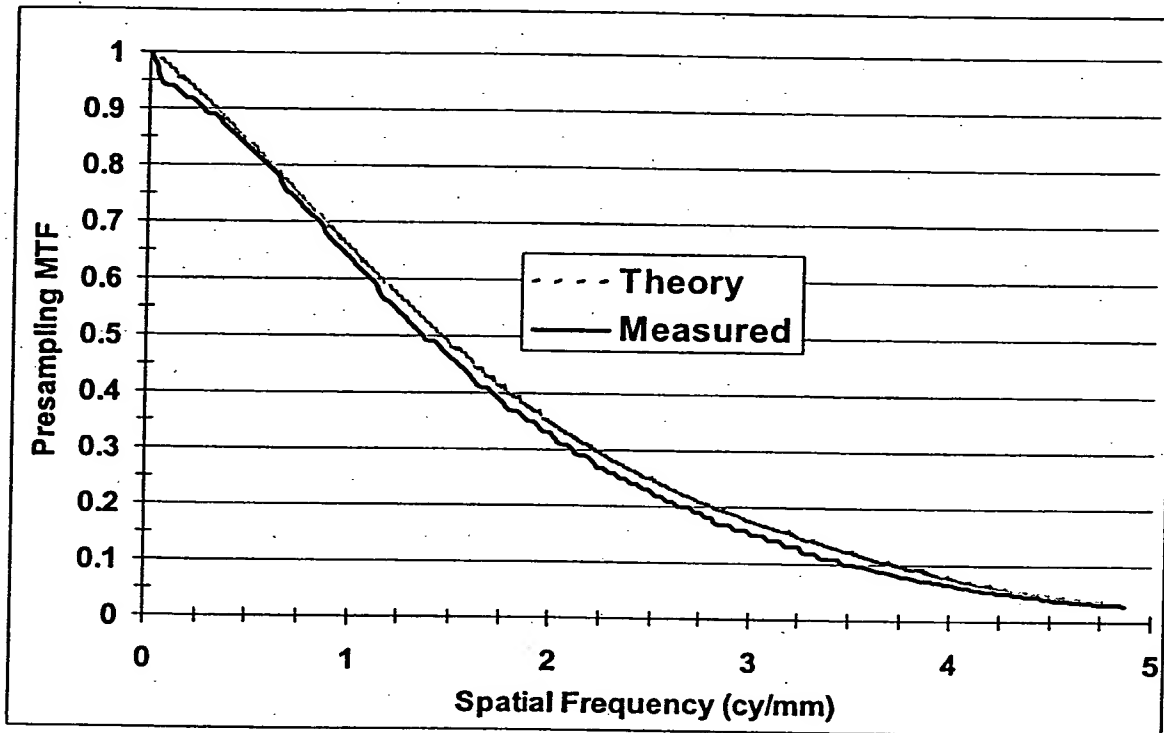


Figure 52

09990680-112101

3100

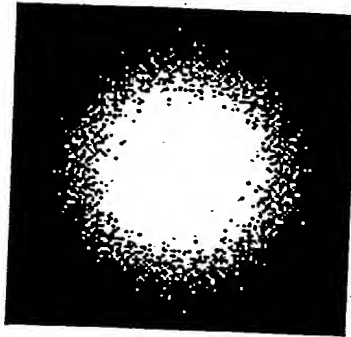


Figure 53

09990880.112101

3200

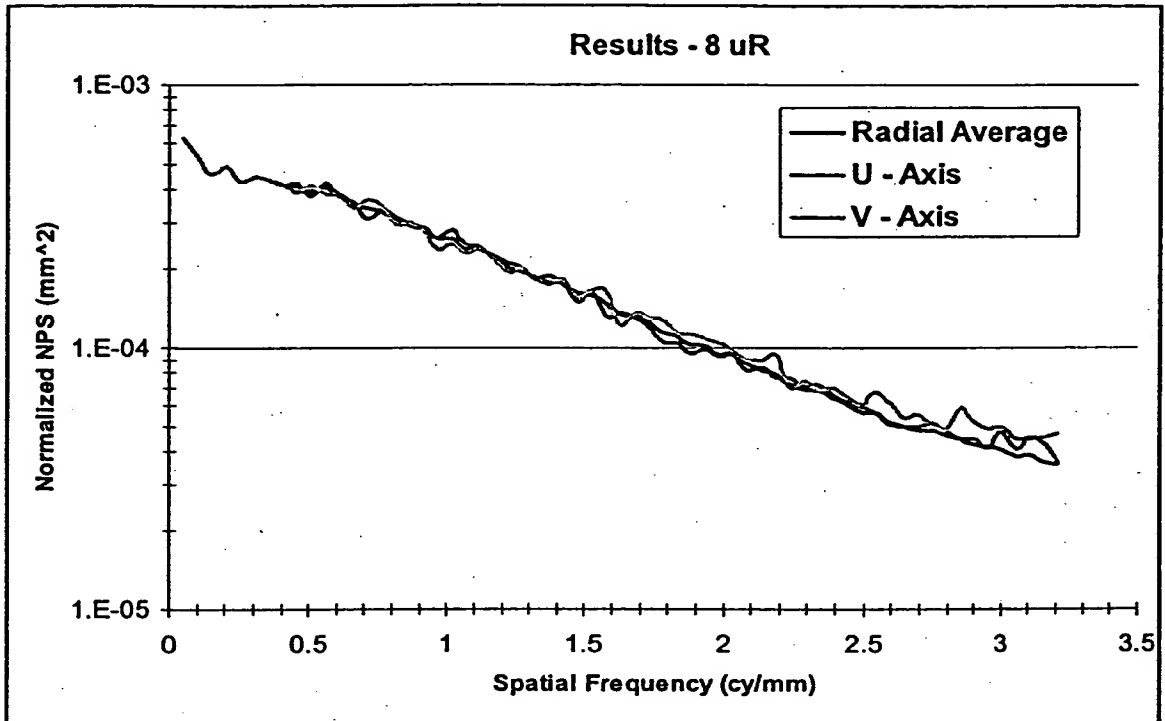


Figure 54

TOTET" 08806660

3300

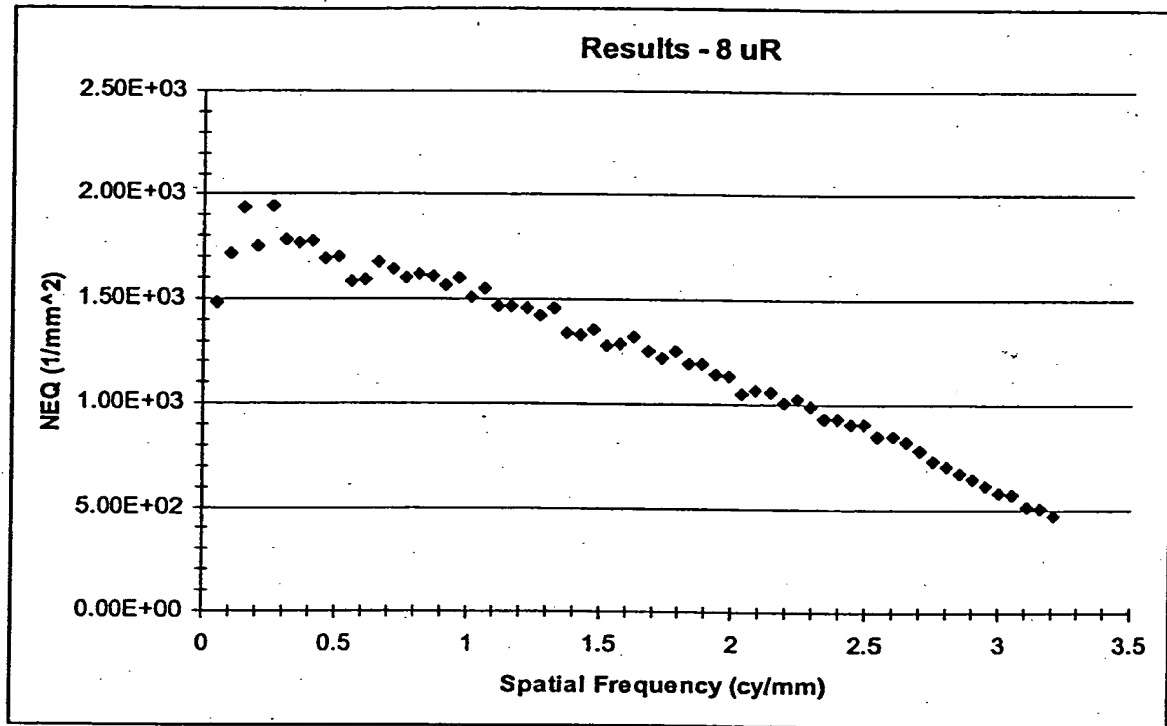


Figure 55

09990890 08306660

3400

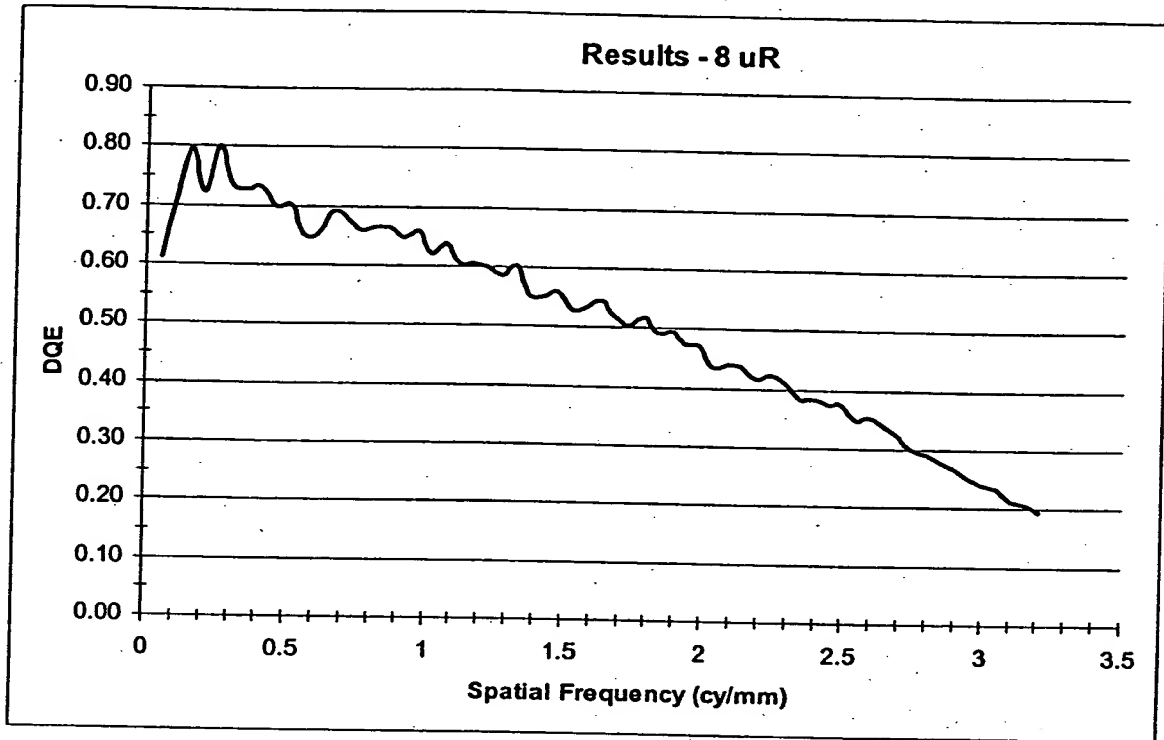


Figure 56

09990880 11101

Σ3500  
TOTAL" 08806660

### U-axis Measurements

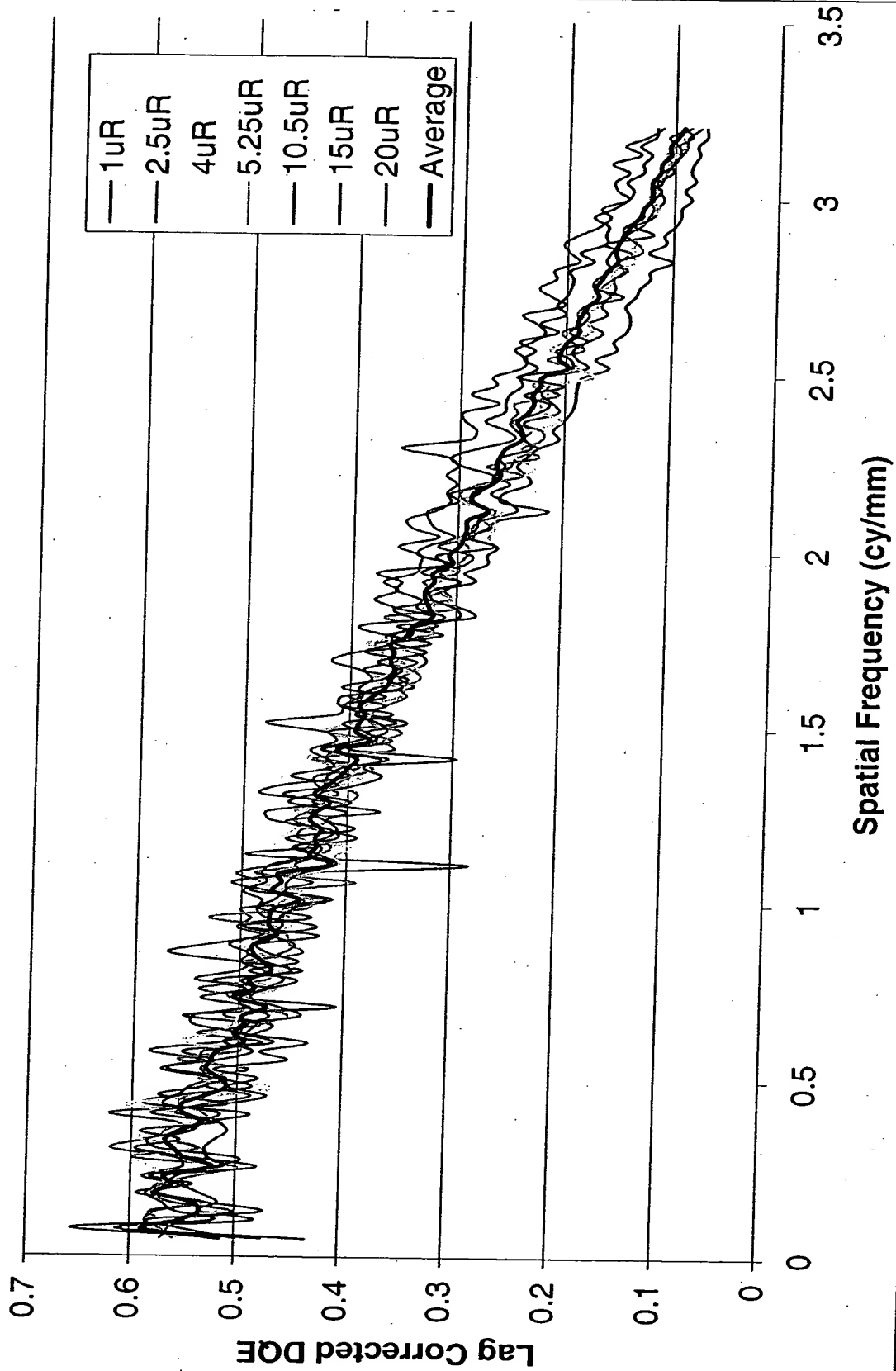


Figure 57

## V-axis Measurements

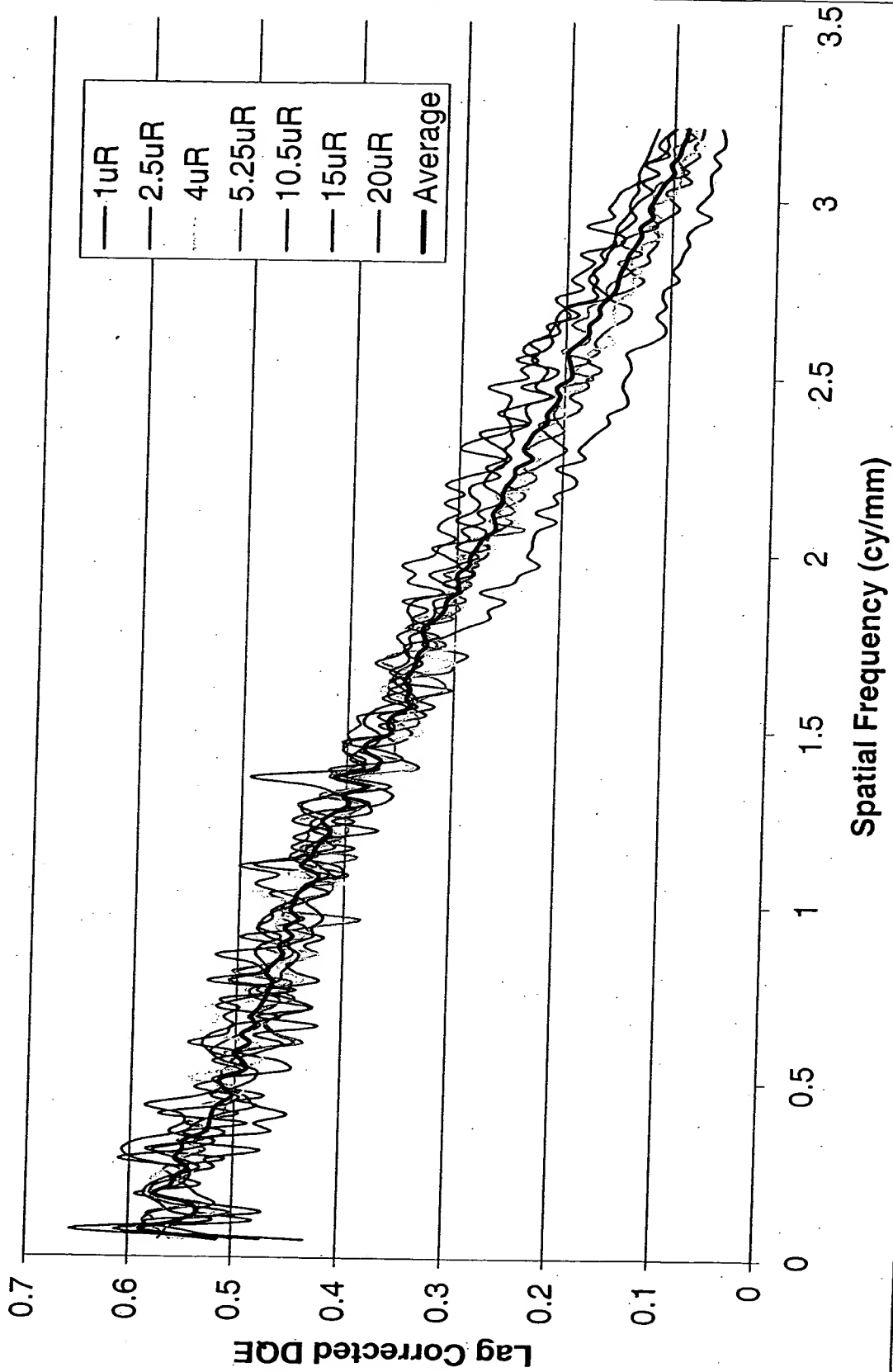


Figure 58

1-uR: U and V - Axis comparison

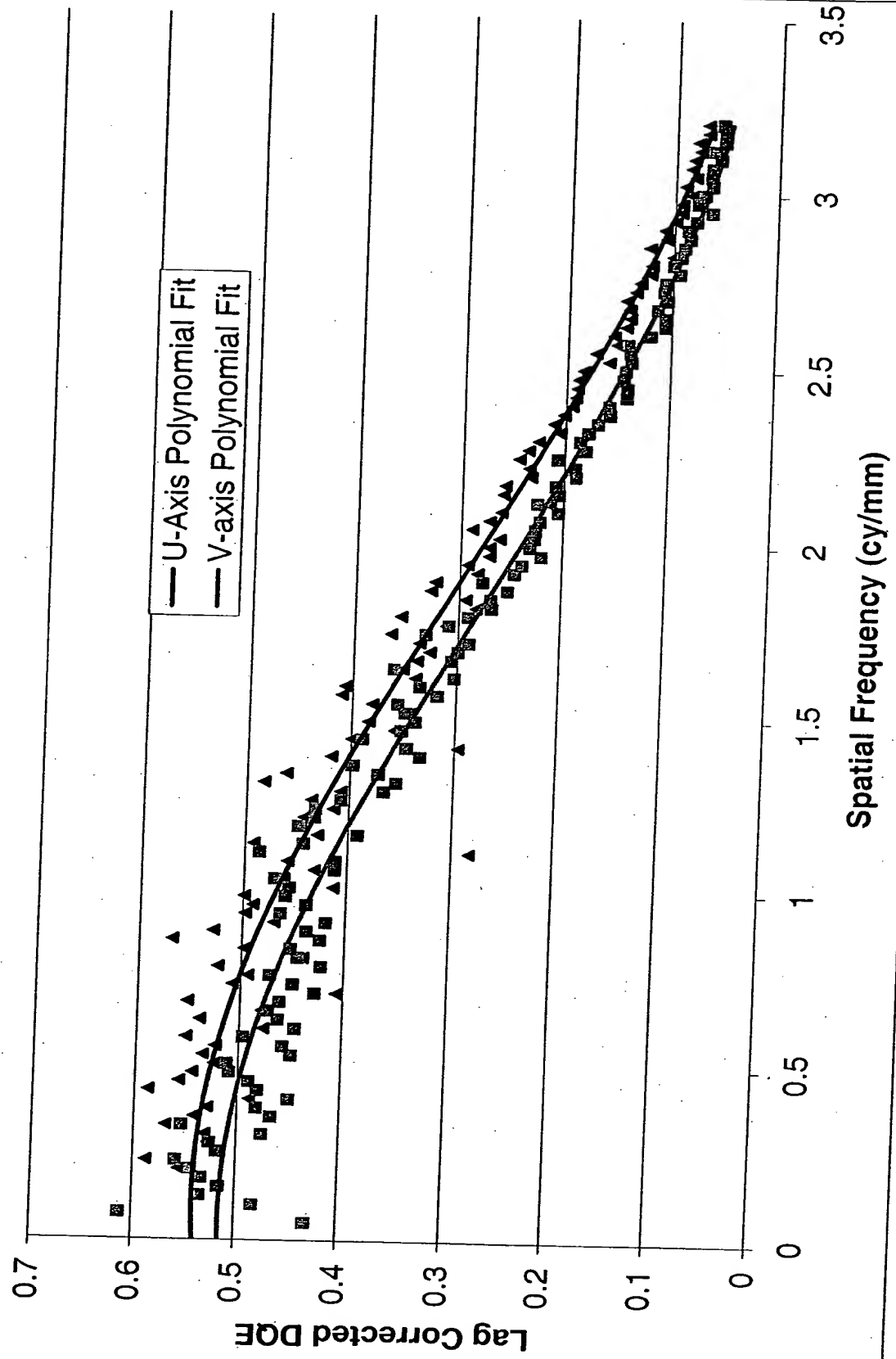


Figure 59

11/1/01



4-uR: U and V - Axis comparison

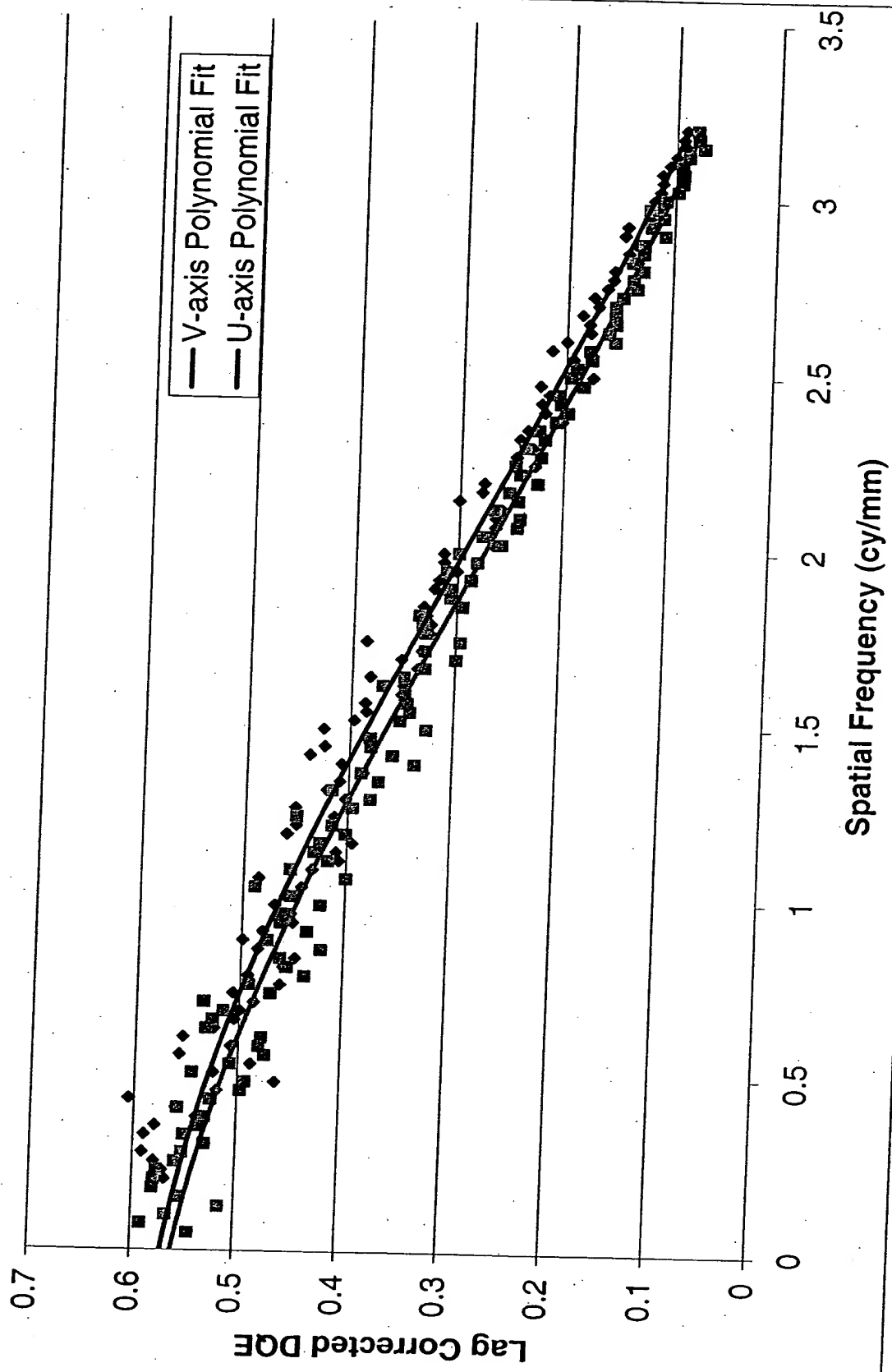


Figure 60